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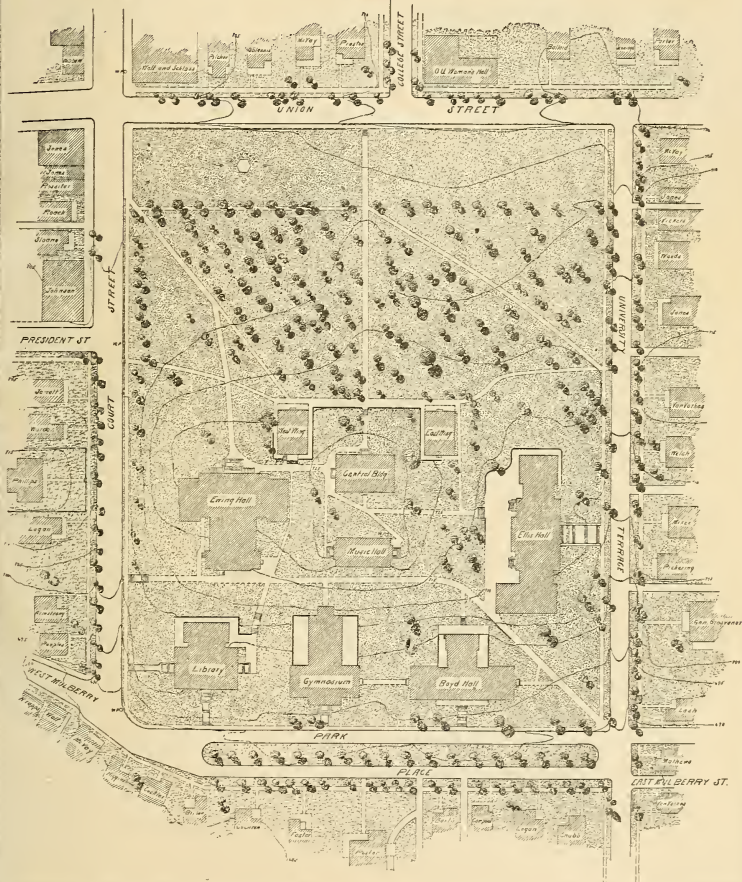
# TOPOGRAPHIC MAP


OF

## OHIO UNIVERSITY CAMPUS. DEPARTMENT OF CIVIL ENGINEERING

SCALE 1 INCH = 240 FT. ROBERT E. NYE

JUNE 24 1908.





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CATALOGUE  
OF  
OHIO UNIVERSITY  
ATHENS, OHIO

1909---1910

AND  
CIRCULAR OF INFORMATION

FOR  
1910---1911

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PUBLISHED BY THE UNIVERSITY  
1910

*"Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged."*

Article 3, Ordinance of 1787.

*"Under this statute (Ordinance of 1787) the Ohio Company, organized in Boston the year before as the final outcome of Rufus Putnam's proposed colony of officers, bought from the government five or six millions of acres, and entered on the first great movement of emigration west of the Ohio. The report creating the colony provided for public schools, for religious institutions, and for a university."*

THOMAS W. HIGGINSON.

*"We are accustomed to praise the lawgivers of antiquity; we help to perpetuate the fame of Solon and Lycurgus; but I doubt whether one single law of any lawgiver, ancient or modern, has produced effects of more distinct, marked, and lasting character than the Ordinance of 1787. \* \* \* It was a movement of great wisdom and foresight, and one which has been attended with highly beneficial results and permanent consequences. \* \* \* It set forth and declared it to be a high and binding duty of government itself to support schools and advance the means of education."*

DANIEL WEBSTER.

*"That there shall be an University instituted and established in the town of Athens \* \* \* for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."*

Section 1, Territorial Act, January 9, 1802.

*"Whereas, Institutions for the liberal education of youth, are essential to the progress of arts and sciences, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."*

Preamble, Act of Ohio Legislature Establishing the Ohio University, at Athens, February 18, 1804.

OHIO UNIVERSITY  
AND  
THE STATE NORMAL COLLEGE

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*Dean of Women's Hall.*

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*Critic Teacher, Second-Year Grade.*

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The President of the University has membership in each committee.



# GENERAL INFORMATION

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## OHIO UNIVERSITY

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### ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority, and the Governor of the State, is, *ex-officio*, a member of the Board. Recent legislation confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$95,000. Other sources of income swell the amount above named to over \$125,000. Special appropriations for buildings and equipment during the last eight years ending with February, 1910, have amounted to \$384,948.

### LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is about one hundred and sixty miles from Cincinnati and seventy-five miles

southeast from Columbus. The sanitary arrangements of the town are unsurpassed. Its principal streets are paved; it is provided with waterworks and sewerage; its Board of Health is vigorous and efficient. There are few towns in the country that are more desirable as a place of temporary or permanent residence than Athens.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hockhocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, are seldom surpassed in quiet and varied beauty.

### BUILDINGS

The University buildings are eleven in number. Nine of them are grouped on the campus.

The "**Central Building**" was erected in 1817, and is the oldest college edifice northwest of the Ohio river. This venerable structure is dear to many by strong and tender associations, and to many more by means of eminent men who have here studied and taught. It has been modernized and is admirably adapted to its uses for college work.

"**Ewing Hall**," named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art rooms, various class-rooms, and the administration offices.

"**Ellis Hall**," the new building occupied by the departments of the State Normal College, now seven years in use, is the first building in Ohio, erected at state expense, given up wholly to the training of teachers for service in the public schools. It is one of the largest, best, and most costly buildings on the grounds.

The "**Carnegie Library**," now fully equipped and in running order, is situated in the southwest corner of the campus. It presents a fine appearance and suggests the highly practical service it is rendering the educational work of the University.

The buildings known as the "**East Wing**" and the "**West Wing**" are nearly as old as the Central Building. They afford class-room and laboratory facilities for certain departments of instruction as well as comfortable quarters for a number of students.

"**The Old Chapel**," so called, stands apart from the other buildings. Some of the work of the College of Music is carried on in this building. Here the Athenian, Philomathean, and Adelphean literary societies have commodious and well-furnished rooms. On the first floor is an assembly room often used when narrower quarters than those found in the assembly room of Ewing Hall are desired.

"**Women's Hall**" is located nearly opposite the north entrance of the campus. It is a fine, commodious brick structure, heated by steam, where convenient and pleasant rooms are occupied by a Dean, a Matron, and ninety women students. The dining-room and kitchen are clean and well furnished.

"**Boyd Hall**," the new dormitory for young women, is located near Ellis Hall and the Carnegie Library. It has a frontage of 150 feet on Park Place and a depth of 100 feet.

The building is heated by steam and lighted by electricity. Each bed-room is well-lighted and has ample closet space. In all, accommodations are provided for eighty-eight students and, in addition to these, rooms are provided for the maids and servants.

In addition to the wide stairway in the central portion, there is also a stairway in each end of the building, thus providing every possible means of escape in case of fire.

"**The New Gymnasium**" is a handsome, commodious structure containing a swimming pool, lockers, offices, and all the appliances found in a complete gymnasium.

"**The Central Heating Plant**," constructed at a cost of \$32,000, is in good running order. Ultimately this building will be made as large again, and with it will be connected the University Electric Light Plant now occupying basement quarters in Ewing Hall and the Old Chapel. It is intended that every building on the University campus shall get its heat from this Central Plant.

## DEPARTMENTS AND COL- LEGES OF THE OHIO UNIVERSITY

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Students are given opportunity to select work from the wide range of studies offered in the different departments and colleges. In any of the regular four-year courses, the student has choice of 1,000 hours of elective work. In selecting it, his choice is not limited to the studies of any department or college but he is privileged to choose where his inclination prompts or his future needs direct, always with such professional guidance as will help him so to correlate his work as to give wholesome unity to it. The following statements show, in concise form, the range of educational work now provided for in eight divisions of University work.

### **I. COLLEGE OF LIBERAL ARTS:**

1. Course leading to the degree of Bachelor of Arts (A. B.).
2. Course leading to the degree of Bachelor of Philosophy (Ph. B.).
3. Course leading to the degree of Bachelor of Science (B. S.).

Each of these is a four-year course, based upon graduation from a high school of the first grade, or equivalent scholarship, and requires 2,500 college hours—1,500 required and 1,000 elective—for its completion.

### **II. THE STATE NORMAL COLLEGE:**

1. A Course for Teachers of Rural Schools—*two years*.
2. Course in Elementary Education—*two years*.
3. Course in Kindergarten—*two years*.



4. Course in Secondary Education—*four years*.
5. Course in Supervision—*four years*.
6. Professional Course for Graduates from reputable Colleges of Liberal Arts—*one year*.
7. Special Courses in Drawing—*Sufficient time to earn the special Certificate given*.
8. Special course in Public-School Music—*Sufficient time to earn the Special Certificate given*.

Admission to any of these courses, save No. 1, is based upon graduation from a high school of the first grade or equivalent scholarship.

### III. The School of Commerce:

1. A Preparatory Course—*three years*.
2. A Collegiate Course—*two years*.
3. Special Courses in Accounting, Typewriting, and Stenography.
4. Teachers' Course in Stenography—*two years*.

Graduates of high schools having a four-year course will be admitted to the Collegiate Course without conditions. All the work scheduled is very thorough and practical.

### IV. College of Music:

1. Course in Piano and Organ.
2. Course in Vocal Culture.
3. Course in Violin.
4. Course in Harmony and Composition.

### V. The Department of Physics and Electrical Engineering:

As a part of the schedule work of this department is a Short Course—two years—in Electrical Engineering. The course referred to leads to a diploma. It may all be taken as an elective course in connection with the Scientific Course as outlined in the catalogue, thus not only giving the graduate the degree of Bachelor of Science, but also establishing a special foundation for his life work as well.

### VI. Department of Mathematics and Civil Engineering:

The Work of this Department is of wide range and special

excellence. It includes a Short Course in Civil Engineering—two years.

The following subjects are given in the course: Mechanical Drawing, Descriptive Geometry, Shades and Shadows, Perspective, Stereotomy, Leveling, Plane Surveying, Elementary Mechanics, Topographic Surveying, Railroad and Highway Engineering, and Engineering Construction.

The work in English, mathematics, sciences, and languages is done in the regular University classes.

This Short Course is designed to prepare students for practical wage-earning work and for advanced standing in some technical school of high grade.

NOTE ON ENGINEERING:—The completion of either of the courses before set forth will prepare students for practical work at good wages and will fit them for advanced standing in the best technical schools of the country. Requirements for admission to either course are the same as those named for admission to the Freshman class of the College of Liberal Arts or the Freshman class of one of the four-year courses of the State Normal College.

## VII. The State Preparatory School:

The presence of a Preparatory School in connection with the State Normal School and the College of Liberal Arts is a necessity under existing educational conditions. Persons who can secure full high-school training at home are urged to get it before attempting to gain admission to any of the departments or colleges of the University.

The Preparatory School of Ohio University is a model of its kind. Here students with any kind of deficiency in high-school training can make adequate preparation for entrance into the Freshman class of any of the departments or colleges of the University. Such students have the best possible instruction, and all the privileges of general culture enjoyed by members of the regular college classes. The needs of the teachers and prospective teachers, looking forward to the advanced work of the State Normal College, have been carefully considered and fully provided for in the courses offered.

Primarily, the Courses of Study are planned with two ends in view: (1) To give the student the best possible instruction for the time he may be able to remain in college and (2) to enable him to make special preparation for regular work in one of the diploma or degree courses of the University.

### VIII. The University Summer School:

The work of the Summer School for 1910—June 20-July 29—is shown, in detail, in a special Bulletin issued January, 1910. The general plan of organization and management will be similar, in all essential features, to that which has proved so popular with students, teachers, and prospective teachers heretofore.

It is confidently asserted that this work, while of wide range and carried on somewhat hurriedly, is of high academic and professional value to teachers and those preparing to teach. In the selection of subjects of instruction and the preparation of the recitation scheme, regard has been had for the known wants of students wishing either review or advanced work. From the scheduled recitations, any one can surely select *some* study or studies that will largely if not fully meet the purpose that prompts him to seek summer-school advantages.

### DEGREES

The Bachelor's degree (A. B., Ph. B., B. S., or B. Ped.) is conferred upon students who have completed any one of the four courses laid down in another part of this catalogue.

The Master's degree (A. M., Ph. M., M. S., or M. Ped.) will be conferred upon graduates of this or any other college who give evidence to the Faculty that they possess such literary and scientific attainment as will make them worthy recipients of it, and have, in addition, furnished a thesis after one year's work in residence.

Ohio University does not confer the degree of Doctor of Philosophy (Ph. D.). Only graduates of the University are eligible to the honorary degree of Doctor of Divinity (D. D.).

The honorary degree of Doctor of Laws (LL. D.) is conferred upon those selected by joint action of the Faculty and the

Board of Trustees. Other honorary degrees may be conferred when deemed proper by the authorities above named.

### ELECTIVES AND SPECIAL WORK

Each student in a regular course will be required to take at least fifteen class exercises per week, and no student will be permitted to take more than eighteen, unless some of the studies are *review work*, except on permission of the Faculty. This permission will be given only on the written request of the student. Students in any one of the courses can select subjects in any one of the others below the class to which they are assigned, but not above, except on approval of the Faculty, who must be convinced that they have had sufficient preliminary training to pursue the elected study with advantage. As will be seen, about half the subjects after the Freshman year are elective. But in addition to these a large number of others are offered for the benefit of those persons who wish to specialize still further along particular lines. It needs to be noted, however, that they are not offered unconditionally. Regard will be had to the time at the disposal of the teachers and to the number of students taking any particular elective, as well as to their preliminary training. In all cases where a student's knowledge of English is defective, he must pursue this branch until his deficiencies are made up.

No work *in absentia* will be allowed at Ohio University. Not more than two hundred hours' work, in addition to that of the three regular terms, may be taken by any student in the course of one year, and that only in the Summer, between Commencement and the opening of the next Fall term.

### METHODS OF INSTRUCTION

Instruction is given both by recitation and lecture. The constant aim in both is to awaken interest in study, to aid in the acquisition of knowledge, and to develop the power of thought and communication.

Some subjects can be better treated in lectures than others. The knowledge the student has of a subject is likewise a factor



that is taken into account. The lecture method is generally better adapted to advanced students than to those who are still in the elements. After the elementary principles have been thoroughly mastered from the text-book, supplemented with such lucidations as seem to be called for, the student is generally prepared to profit by the lectures of the teacher, and to grasp the wider outlook that is the result of a knowledge of a subject rather than of the contents of any single book, or even of several books. In the observational studies the learner is, as far as possible, brought face to face with the objects themselves under consideration. The classes in Botany, Geology, and Elementary Science make excursions into the surrounding country for the purpose of collecting specimens and deriving scientific knowledge from original sources. The classes in Surveying and Mensuration have practice in the use of instruments in field work.

### LIBRARY AND READING ROOM

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally provided. The University and Society libraries contain about 30,000 volumes, a large part of which are of recent purchase. In addition to the books of a general character, the private libraries of the professors, which contain works of a more special character to the number of several thousand, are also accessible, under certain limitations, to the students. The reading-room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are useful not only for reference, but also for purposes of original investigation.

It is the special aim of the managers of the Library to acquire as rapidly as issued all the leading works bearing on Pedagogy, whether in German, French, or English. A large number of works on this topic and the history of education is already on hand. The Library is so managed as to be accessible every day. The reading room, in which are placed most of the reference books, and all the periodicals, is acces-

sible at all times. The reading of well-chosen books not only tells the student what others have thought in every department of knowledge, but likewise stimulates him to think for himself. A good library is of itself a university.

### APPARATUS AND CABINET

The departments of Mathematics, Astronomy, Psychology, Physics, Chemistry, Biology, Electrical Engineering, and Civil Engineering are well-equipped with valuable apparatus, which is put at the personal disposal of the student. The subjects are illustrated upon the lecture-table, but it is insisted upon only when he has acquired skill in carrying on laboratory experiments by himself under the supervision of the professor.

The large Biological Laboratory has been filled with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnishing each student with such apparatus, reagents, etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well-equipped for embryological and bacteriological work.

The cabinet affords important aid in the study of Mineralogy and Geology.

In the Department of Physics, besides balances, specific gravity apparatus, pulleys, centrifugal devices, pumps, barometers, manometers, pendulums, and a great deal of other apparatus for the demonstration of the principles and laws of mechanics, etc., there are: a set of mounted tuning forks for bows, a complete set of electromagnetic forks of various pitches, sonometers, siren, pipes, etc., for work in sound; lenses, prisms, mirrors, polariscopes, spectroscopes, spectrometer, diffraction gratings, projecting lanterns, cameras, etc., for light; radiometers, thermometers, calorimeters, and other apparatus for heat; and a very good equipment of dynamos, motors, calibrating and measuring instruments, resistances, galvanometers, condensers, magnetometers, induction coils, batteries, Wheatstone

bridges, various forms of reversing switches and keys, electrometers, standard cells, electro-dynamometers, and a great deal of other apparatus suited to the general demonstration of the subjects of electricity and magnetism, and to the requirements of the electrical course outlined elsewhere in this catalogue. In addition to this there is ample equipment for individual laboratory work in both the beginning and advanced courses.

The Chemical Department occupies the entire second floor of the Central Building. The lecture room has been enlarged and remodeled and will now accommodate about sixty students. It is supplied with a stereopticon and the necessary conveniences for using it in connection with lectures. The rear seats are elevated so that all have a favorable opportunity to see the lecture experiments. The laboratories have been refitted with new and modern desks on which gas and water are supplied to each student. There are three laboratories—a general laboratory with lockers for forty-eight students, a qualitative laboratory with thirty-two lockers, and a quantitative laboratory in which sixteen students can be accommodated. Each student is supplied with a locker containing all apparatus necessary for his use; and he is required to pay only for that which is broken. In connection with the qualitative laboratory is a balance-room supplied with analytical balances.

In the Department of Paidology and Psychology a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences. This equipment has been carefully made with the end in view of having a laboratory wll arranged for carrying on both elementary and advanced work.

The Department of Mathematics and Civil Engineering is well equipped with the best modern appliances for carrying on the wide range of work offered. Fine sets of surveying instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The Dapartment of Elementary Science—Normal College—occupies most desirable quarters on the third floor of Ellis

Hall. The Department has a large equipment of well-selected apparatus and illustrative material costing several thousand dollars.

The Art Departments—University and Normal—occupy large, well-lighted suites of rooms with equipments of an up-to-date character. Facilities for carrying on the special work of these departments are of the very best.

### MAPS, CHARTS, ETC.

Excellent sets of maps, chiefly those of Kiepert and others, published by Rand, McNally & Co., intended to illustrate the physical features and political changes of the historical countries of Europe and the East, have lately been added to the equipment of the institution. These, in addition to those before on hand, afford an important and well-nigh indispensable aid to the study of history and geography. The outfit in this regard is believed to be unusually complete.

Wall and portfolio pictures, and hundreds of lantern slides, form an important part of the equipment of many of the departments of the University.

### DISCIPLINE—OPPORTUNITY

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to the students' self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

A record is made of the daily work of each student. When the standing of the student, as shown by this record and examination, falls below an average grade of 70 per cent., he must review the study. A record is also kept of each student's deportment. A low standing in either record is followed by private admonition, and notice is given to the parent or guardian.

Whenever the conduct of a student is such as to indicate that

he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time, he will be dismissed.

All worthy young men and women can secure a college education if they very much desire it. If preparation for admission to a college class can not be made at home it can be secured in the Preparatory School connected with the University and the Normal College. Students with limited supply of money can work and study, taking longer time for the completion of a course, and in the end, and with honor, attain graduate rank.

#### SCHOLASTIC REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Ohio University recognizes and gives full credit to the classification of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the first grade can enter the Freshman class of the College of Liberal Arts or the State Normal College, or enter upon the short courses in the School of Commerce, in Electrical Engineering, and in Civil Engineering *without examination*, provided they have completed at least fifteen units of secondary work as the terms are generally understood and applied in educational circles; also, graduates from high schools named in the accredited lists of colleges and universities of recognized high standing will be received, by certificate, on equal terms.

When any part of the fifteen units of secondary credit is made up of what may be regarded as legitimate college work the same will be accepted without examination, but no hours of *college credit* will be given therefor.

When the fifteen units of secondary credit do not include all the studies required as preparatory work by Ohio University, such studies may be regarded as electives, and included in the 2,500 hours of college work required for graduation.

The foregoing statements are made to show students that, in order to complete any one of the four-year degree courses, they



must have fifteen units of preparatory credit, and 2,500 hours of collegiate work.

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

"This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week but, under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty sixty-minute hours or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit."

To enter the Freshman class of Ohio University, fifteen units are required.

Graduates from a first-grade high school, *English Course*, can enter the Freshman year of the course leading to the degree of Bachelor of Philosophy, with the understanding that they must take four years' work in Latin with college credit therefor.

In requirements for admission to the Normal College, and to the Scientific Course in the College of Liberal Arts, modern languages may be substituted for Latin. Graduates from the English Course of a first-grade high school have the same privilege of substitution in regard to Latin as in the course leading to the Ph. B. degree.

Graduates from a "Commercial Course" of a first-grade high school will be given full credit for the special work there done, should they enter upon any course connected with the School of Commerce; but if such graduates seek admission to the Freshman class of the College of Liberal Arts, or the State Normal College, they will be given such credit as may be deemed just and proper by the Faculty Committee on Registration, after a careful examination of each separate case.

The intent of the foregoing is to make it clear that Ohio University will recognize all work of a high school of the first grade *at its full value*. After the student is given admission, with college rank, to any scheduled course, he will be required to "make good," *in full measure*, all required and elective work necessary to complete 2,500 hours of credit.

In all cases where students seek to enter any of the colleges or departments of the University without examination, they must present to the Registrar the legal certificate, or a certified copy thereof, which accompanies the diploma of each high school graduate; or a "Certificate of Application for Admission," prepared by the University, will be sent to prospective students, thus enabling them to comply with the conditions hereinbefore stated.

Holders of High School Certificates, issued by the Ohio State Board of School Examiners, will be admitted to the Freshman class of any college or department of the University *without conditions*. If they enter upon any four-year or degree course in the State Normal College, they will be given, in addition, such professional credit as conditions may suggest as just and proper. Also, any holder of the State Certificate, before referred to, may receive college credit for branches of college grade named therein when the same are accepted by the Faculty Committee on Registration of Students.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms, and under the same conditions as those prescribed for men.



### SYNOPSIS OF REQUIREMENTS

**Subject to Exceptions Hereinbefore Set Forth.**

Group A—Required of all courses:

English, three units.

Mathematics, two and one-third units.

Physics, one unit.

United States History and Civics, one unit.

General History, one unit.

Botany, two-thirds of a unit.

Physical Geography, one-third unit.

Physiology, one-third unit.

Drawing, one-third unit.

Group B—Required in addition to Group A for the Classical Course:

Latin, four units.

Greek, one unit.

Group C—Required in addition to Group A for the Philosophical Course:

Latin, four units.

German or French, one unit.

Group D—Required in addition to Group A for the Scientific Course:

Latin, four units.

German or French, one unit.

Or, French and German may be substituted for all or a part of Latin.

For full details concerning the subjects required for admission consult the courses of study of the State Preparatory School found elsewhere in this catalogue.

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### HELPS TO REGISTRATION

Prospective students, who do not wish to take entrance examinations, should secure blank certificates of application for admission from the President or the Registrar of the University, then have their High School credits entered therein by

the Superintendent of their local school and attested by his signature. These papers should then be forwarded to the University not later than September 1st, in order that the applicants' standing may be determined before the opening of the college year. Students coming from other colleges are required to present properly signed statements of work and certificates of honorable dismissal from the institution last attended.

In order to expedite registration, several members of the Faculty act as advisers for the various colleges and departments of the University. The following selection has been made for the year 1910-'11:

College of Liberal Arts, Dean Chubb.

Normal College, Dean Williams.

Electrical Engineering, Professor Atkinson.

Civil Engineering, Professor Addicott.

School of Commerce, Professor C. M. Copeland.

College of Music, Professor McVey.

State Preparatory School, Professor Coultrap.

Before reporting to the Registrar, *all students* should consult their course advisers, who will assist them to make out their work for the term. They should next go to the Registrar's office, present their selection of studies, secure a registration card, and *pay their fees in full*.

Preparatory students will not be allowed to enroll for collegiate subjects unless their required preparatory work is not sufficient to complete their registration. Collegiate credit in any subject will not be granted to a student who is under fifteen years of age.

When a student has registered, no change may be made in his work, except in case of error, without the consent of his adviser and the registrar. After three weeks, the consent of the Faculty is necessary.

Students who fail to register on the first two days of the term will be charged a registration fee of eight dollars. *All fees are due and payable in advance.*

## FEES

There is no charge for tuition in any of the regular preparatory or collegiate classes, but all students pay a registration fee of six dollars a term, three terms a year. For the summer term of six weeks the registration fee is three dollars. From the regular term fee of six dollars one dollar is turned over to the control of the Faculty Committee on "Athletic, Lecture, and Entertainment Fund." It is the purpose of this Committee to administer the fund so that the students may have the opportunity to hear distinguished lecturers, scholars, musicians; also to provide students with free admission to a number of baseball and football games.

**Laboratory Fees**—In the laboratory courses in physics and electrical engineering, biology, elementary science, paidology and psychology, and Course 1 in chemistry, there is a fee of \$1.00 per term for each course. In the other—the advanced and elective—courses in chemistry, the term fee is \$2.00.

All laboratory fees are payable at the beginning of each term in which the laboratory work is required. To these fees is added a small charge for breakage—to careful students usually not more than a few cents. Regular and special fees, save breakage fees, are collected by the Registrar when the student registers. Breakage fees are collected by heads of departments. Any balance of such fees, after they have met the purpose for which collected, shall be returned to students upon their completion of the course, or when they withdraw from class with honorable dismissal.

**Field Work in Civil Engineering**—Students taking field work in Civil Engineering pay a term fee of \$1.00.

**Normal-College Art Department**—Instruction in school drawing is free. Students in elementary manual training, on account of material used by them, pay a fee of \$1.75 per term. *This covers everything.*

**Gymnasium**—A deposit fee of \$1.00, collected by the Curator of the Gymnasium, is put up by each student at the beginning of each college-year, or whenever he enters college. This fee is to insure the proper use of the locker, the return of the

locker key, and the right handling of the gymnasium equipment.

School of Commerce—The fee in stenography and typewriting is \$5.00 per term. The fee for typewriting alone is \$2.00 per term. The registration fee of \$6.00 gives the student free instruction in other subjects scheduled.

College of Music—Fees, per term, including the registration fee of \$6.00, are as follows:

Piano Lessons (two per week)	elementary grades....	\$13 00
Piano	“ “ advanced grades.....	16 00
Voice	“ “ .....	16 00
Violin	“ “ .....	16 00
Organ	“ “ .....	16 00
Rent of piano, one hour per day for each term.....		2 00
Rent of organ, one hour per day for each term.....		6 00

Students of the College of Music who have paid the regular registration fee of \$6.00 are entitled to pursue other regular college work without paying additional fees.

Diplomas and Certificates—For each diploma granted, in course, a fee of \$5.00 is charged; for each certificate, a fee of \$1.50. The charge for the diploma representing the Master's Degree is \$10.00. The diploma given in connection with the conferring of any honorary degree is presented free of charge.

Drawing and Painting—All instruction in drawing is free, but students taking individual instruction in painting pay a term fee of \$10.00.

## EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.25 to \$2.50 per week. Those students whose circumstances require it, are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

All young women who are not residents of Athens are required to reside in Boyd Hall or Women's Hall, unless the

rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves, and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible, and at the same time to keep the cost as low as is consistent with the accommodations provided. The cost of room and board is from \$3.50 to \$3.75 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and eighty young women can be received.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given.

Lowest	Highest
Registration fee.. \$18 00	Registration fee.. \$18 00
Board in clubs, av... 85 50	Board in priv. fam. 114 00
Room ..... 28 50	Room ..... 47 00
Books ..... 15 00	Books ..... 15 00
Laundry ..... 20 00	Laundry ..... 30 00
Incidentals ..... 10 00	Incidentals ..... 15 00
<hr/> \$177 00	<hr/> \$239 00

This estimate is for three terms or thirty-eight weeks, and includes all necessary expenses. The additional charges for students who take electives in Chemistry and Electricity and for those receiving special instruction in Music, Painting, Elocution, and certain commercial branches are elsewhere noted.

### SELF-HELP

It is the glory of Ohio University that she does not shut any of her doors against the poor boy or girl. The munificence of the State of Ohio furnishes her sons and daughters with the educational facilities that once were deemed the prerogatives of the children of the rich.

Four young ladies recently formed a "Self-Boarding Club"

and demonstrated that it is possible to have wholesome food, in ample measure, at a cost of one dollar per week for each person.

At the present time there are at least sixty Ohio University boys making their boarding expenses, many of them are making more. There are twenty-five boys earning their meals by acting as waiters in restaurants and other boarding places. Ten boys earn their board by running boarding clubs. Eight boys are earning from \$6.00 to \$15.00 per month apiece by acting as janitor for different club rooms and churches in town. Still there are numerous others earning from a few cents a week up to a good salary by doing all kinds of work, such as reporting for the papers, collecting laundry, acting as agents for different firms, clerking in different stores, and doing odd jobs for the town people. These are a few of the ways an energetic student can help himself through school. These positions are changing hands two or three times a year, that is, the most of them are, and if one is on the lookout he can soon get a good place.

Said a student recently: "I have been at Ohio University for two years, and to me this is the place for the poor boy. It is a place where one can get the benefit of large appropriations made by the State for running the school where almost all we spend is for our living expenses, which are as cheap, if not cheaper, than any place else; where the classes are comparatively small on account of the large faculty; where the location is very healthful, landscape beautiful, and the water is as pure as can be found anywhere."

### THE ALUMNI LOAN FUND

Three thousand dollars has already been subscribed by the alumni and friends of Ohio University to the Alumni Loan Fund. The purpose of this fund is to loan money to deserving students who have proved their worth in character and scholarship. No aid is given before the student has completed 1,000 hours of college credit. The fund is administered by a committee consisting of President J. D. Brown, of the Bank of Athens, the Dean of the College of Liberal Arts, and the Secretary of the Faculty.



### RELIGIOUS INFLUENCE

The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. Students are encouraged to attend with regularity the churches of their choice. The various churches of Athens, both Protestant and Catholic, are cordially thrown open to the students.

The founder of the Ohio University believed that "religion, morality, and knowledge are necessary to good government and the happiness of mankind;" and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three. The good man, the good citizen is not he who is best informed, but he who is constantly inspired with the thought that his knowledge should be used for the good of his fellow-men. Knowledge without virtue is a curse and not a blessing. It is the constant policy of both Trustees and Faculty to inspire students with the love of knowledge and with desire to practice religion and morality. Accordingly only those persons are invited to profit by the means of instruction here placed within their reach, who are willing to conform their conduct as far as possible to the teachings of the Bible. We expect students who have spent some time with us to depart not only wiser, but also better, than they came. If such is not the case it will not be for want of care on the part of the Faculty.

### YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.



The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished, presenting a home-like and inviting appearance.

### LITERARY SOCIETIES

There are three literary societies in the University, the Athenian, the Philomathean, and the Adelphean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation, Composition, and Oratory, and to become familiar with the modes of conducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the Athenian and Philomathean literary societies, was held in the Spring term of 1901. Each succeeding Spring term of the college-year has brought a contest of similar nature. Up to 1907, when Mr. J. D. Brown donated \$100 for the prizes, the prizes were as follows: First prize, \$30; second prize, \$20.

THE "BROWN PRIZE IN ORATORY"—Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University, and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades, as follows:—First prize, \$50.00; Second prize, \$30.00; Third prize, \$20.00. This generous action has stimulated increased interest, among students, in the work of the literary societies.

The results of the different contests are shown herewith:

YEAR.	FIRST PRIZE.
1901.....	May S. Conner, Philomathean.
1902.....	James P. Wood, Philomathean.

1903.....	Albert J. Jones, Philomathean.
1904.....	Clarence Matheny, Athenian.
1905.....	Harley E. Baker, Athenian.
1906.....	Fred Shaw, Athenian.
1907.....	Malcolm Douglas, Philomathean.
1908.....	Ora C. Lively, Athenian.
1909.....	Horace E. Cromer and James A. Long. Philomathean, <i>tie</i> .

## YEAR.

## SECOND PRIZE.

1901.....	Lissa Williamson, Philomathean.
1902.....	Adam G. Elder, Athenian.
1903.....	Victor Alvan Ketcham, Athenian.
1904.....	Josephine Caldwell, Philomathean.
1905.....	Floyd S. Crooks, Athenian.
1906.....	Malcolm Douglas, Philomathean.
1907.....	Lewis E. Coulter, Athenian.
1908.....	J. P. Alford, Philomathean.

## YEAR.

## THIRD PRIZE.

1907.....	G. C. Morehart, Athenian.
1908.....	A. S. Northup, Athenian.
1909.....	William T. Morgan, Athenian.

## Intercollegiate Debating

For the year 1910, Miami University, Butler University, and Ohio University have formed a triangular league for the purpose of debating. On the evening of April 15, the affirmative of Ohio will debate with the negative of Miami, at Athens, while Ohio's negative will be debating Butler's affirmative at Indianapolis. At the same time Miami and Butler will be debating at Oxford. The question for discussion is, Resolved, That the United States should adopt a System of Postal Savings' Banks.

### THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem. The awards have been as follows:

YEAR.	NAMES.
1893.....	Miss Carrie Schwefel.
1895.....	Miss Esther Burns and Mr. John H. Atkinson.
1897.....	Miss Virginia M. Houston.
1899.....	Miss Virginia M. Houston, Mr. John H. Atkinson, and Miss Willa C. MacLane.
1901.....	Miss Willa C. MacLane.
1905.....	Miss Winnifred Richmond.
1907.....	Mr. Harold Edgar Cherrington.
1909.....	Miss Mary Treudley.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Mrs. Ella Wheeler Wilcox, Prof. George E. Woodberry, Prof. W. H. Venable, Prof. George P. Baker, Prof. Henry Van Dyke, Mr. Hamilton W. Mabie, Dean J. V. Denney, Mr. Edmund Cooke Vance, and Prof. H. C. Grumbine.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given:

Amount, about \$100. Date of award not later than the opening of the Winter term, 1911.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the Winter term, 1911.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the productions submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Send in three typewritten copies.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

### FACILITIES FOR PHYSICAL INSTRUCTION

THE NEW GYMNASIUM—It is hoped that the magnificent new Gymnasium will greatly increase the interest in physical culture. It is now completed, well equipped, and affords excellent opportunities for the development of the physical nature. Two instructors have charge of the training, a lady for the young women, and a man for the young men.

The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required of each student as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium, the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given for both ladies and gentlemen.

ATHLETIC FIELD—The athletic field is a level tract of ten acres, owned by the University, and situated a few minutes'

walk southward from the campus. The field has been equipped especially for baseball and football.

ATHLETIC RULES—1. Four terms of gymnastic work are required in *all courses*.

2. This work covers two hours each week throughout the Fall and Winter terms.

3. No credit will be given for work done in the gymnasium.

Work in the gymnasium is to begin as soon after matriculation as the above regulations will admit. In applying the above it is understood that two terms of work shall be completed within one year after the student's matriculation; the other two terms must be completed before the student graduates from any course leading to a diploma or a degree.

SUPERVISION OF ATHLETIC SPORTS—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigation of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

# COLLEGE OF LIBERAL ARTS

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## COURSES OF STUDY

In the following scheme, the figures indicate the number of exercises per week. It is believed that the four courses given below are equal in educational value, and all require 2,500 hours of class-room work for their completion. The required work in each of the three first courses is about 1,500 hours. Each student is expected to select the remaining 1,000 from the electives offered in the various departments of the University. The courses in Electrical and Civil Engineering offer no elective work.

### REQUIRED SUBJECTS FOR THE DEGREE OF BACHELOR OF ARTS

#### Freshman Year

FALL TERM—Greek, 4; Latin, 4; Algebra, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM—Greek, 4; Latin, 4; Plane Trigonometry, 4; Political Economy, 2; Invertebrate Zoology, 2.

SPRING TERM—Greek, 4; Latin, 4; Invertebrate Zoology, 4.

#### Sophomore Year

FALL TERM—Greek, 4; Chemistry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM—Greek, 4; Physiology, 4; Chemistry, 4.

SPRING TERM—Greek, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM—History of English Literature, 4; Psychology, 4.

WINTER TERM—Psychology, 4; Astronomy, 4.

SPRING TERM—Nineteenth Century Prose, 4.

**Senior Year**

FALL TERM—Geology, 4; Logic, 4.

WINTER TERM—Thesis, 5.

Three terms of Sophomore Latin, 4 hours per week, or three terms of Junior Greek, 3 hours per week, are required of all candidates for the degree of A. B.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF PHILOSOPHY****Freshman Year**

FALL TERM—Latin, 4; German, 4; Algebra, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM—Latin, 4; German, 4; Plane Trigonometry, 4; Political Economy, 2; Invertebrate Zoology, 2.

SPRING TERM—Latin, 4; German, 4; Invertebrate Zoology, 4.

**Sophomore Year**

FALL TERM—French, 4; Chemistry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM—French, 4; Chemistry, 4; Physiology, 4.

SPRING TERM—French, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM—History of English Literature, 4; Psychology, 4; Ethics, 3.

WINTER TERM—Psychology, 4; Sociology, 3; Astronomy, 4.

SPRING TERM—Nineteenth Century Prose, 4.



**Senior Year**

FALL TERM—Logic, 4; Geology, 4; Philosophy, 3.

WINTER TERM—Philosophy, 3; Thesis, 5.

SPRING TERM—Philosophy, 3.

**REQUIRED SUBJECTS FOR THE DEGREE OF  
BACHELOR OF SCIENCE****Freshman Year**

FALL TERM—Chemistry, 4; German, 4; Algebra, 4; Political Economy, 2; Tennyson, 3.

WINTER TERM—German, 4; Plane Trigonometry, 4; Political Economy, 2; Chemistry, 4; Invertebrate Zoology, 2.

SPRING TERM—German, 4; Invertebrate Zoology, 4; Spherical Trigonometry, 4; Physical Measurements, 4\*.

**Sophomore Year**

FALL TERM—French, 4; Analytical Geometry, 4; European History, 3; College Rhetoric, 3.

WINTER TERM—French, 4; Physiology, 4.

SPRING TERM—French, 4; Physiology, 4; European History, 3.

**Junior Year**

FALL TERM—Physics, 3; Physical Laboratory, 2; History of English Literature, 4; Psychology, 4.

WINTER TERM—Physics, 3; Physical Laboratory, 2; Psychology, 4; Astronomy, 4.

SPRING TERM—Physics, 3; Physical Laboratory, 2.

**Senior Year**

FALL TERM—Geology, 4; Logic, 4.

WINTER TERM—Thesis, 5.

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\*Also required in the Engineering and Medical Courses.

DETAILED STATEMENT  
OF THE  
DEPARTMENTS OF  
INSTRUCTION

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COLLEGIATE DEPARTMENT

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RHETORIC AND ENGLISH LITERATURE

PROFESSOR CHUBB.

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in Rhetoric, the main stress is placed upon the actual work in composition done by the student. In the study of literature the endeavor is to quicken the artistic and æsthetic sense.

The Library is the laboratory of the English Department. In the study of an author different students are assigned different works for reading. Each student then reports, sometimes in an address, sometimes in an essay, upon the results of his reading.

*When studying literature, emphasis will also be placed upon the practice of composition, and in the classes in Rhetoric much attention will be given to the study of Literature.*

**The Amount of College English Required for Graduation**

For the B. S. degree, 150 hours' credit.

For the A. B. degree or Ph. B. degree, 198 hours' credit.

**COLLEGE COURSES****Fall Term**

1. TENNYSON—A study of the Idyls of the King, In Memoriam, The Princess, and some of the shorter poems. Three hours. (Required.)

2. COLLEGE RHETORIC—In this work the stress is placed upon paragraph-writing and editorials. Three hours. (Required for all degrees, Sophomore.)

3. HISTORY OF ENGLISH LITERATURE—A text is studied and each member makes a special study of a topic assigned. Four hours. (Junior required.)

Before taking this course, students are required to have read the following English masterpieces: Shakespeare's Hamlet, Macbeth, As You Like It, and Othello; Milton's Paradise Lost, Book I., Lycidas, L'Allegro, and Il Penseroso; Bunyan's Pilgrim's Progress; DeFoe's Robinson Crusoe; Swift's Gulliver's Travels; Pope's Rape of the Lock; Goldsmith's Vicar of Wakefield; Burns's Cotter's Saturday Night, The Two Dogs, and Tam O'Shanter; Shelley's Cloud, Skylark, and Ode to the West Wind; Keat's St. Agnes, Grecian Urn, and Nightingale; Browning's Pippa Passes; Tennyson's In Memoriam, and The Princess, and at least one of the novels of each of the following: Scott, George Eliot, Dickens, Thackeray, and Stevenson.

4. THE ENGLISH BIBLE—This course is offered by several professors. It is open to all. One hour. Given each term.

**Winter Term**

5. EMERSON—The prose of Emerson is studied, also Chubb's "English Words." Three hours. (Freshman elective.)

6. SHAKESPEARE—A study of the English Historical Plays in chronological order, King John, Richard II, Henry IV, Henry V, Henry VI, Richard III, and Henry VIII. Four hours. (Open to all who have taken the first term in Shakespeare.)

7. BROWNING—Three hours. (Senior elective.)

**Spring Term**

8. BYRON, KEATS AND SHELLEY—Three hours. (Freshman elective.)

9. CHAUCER—Three hours. (Sophomore elective.)

10. NINETEENTH CENTURY PROSE LITERATURE—Carlyle, Arnold, and Stevenson are studied in class. Four hours. (Junior required.)

**GREEK**

PROFESSOR DUNKLE.

It is the aim of this Department to enable students to read the authors commonly read in colleges, and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German, and English. Especial prominence is given, as the student progresses, to the following points: First, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. The ear is regarded as equally important with the eye in the interpretation of words. When possible, some entire work of an author is read, as it is believed that a more lasting and more satisfactory impression will thus be made on the mind of the student than by the use of selections only. It is a well-established principle in the study of teaching of the ancient languages that they should be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity,—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction. It is here claimed that the study of the Greek language, together with all that should properly be taken in connection therewith, will contribute the most important elements of a liberal education.

One year of preparatory Greek is required of all students who take the classical course. A detailed statement of this work is given elsewhere. The following courses in collegiate Greek are offered for 1910-'11:

Fall Term—Xenophon's *Anabasis*, Books II-IV. and Greek Prose, Freshman, 4 hours.

Herodotus, Sophomore, 4 hours.

Demosthenes de Corona, Junior, 3 hours.

Winter Term—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Lysias's Select Orations, Sophomore, 4 hours.

Euripides, the *Medea* or the *Iphigenia in Tauris*, Junior, 3 hours.

Spring Term—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Plato's *Apology* and *Krito*, Sophomore, 4 hours.

Sophocles, the *Antigone* or the *Oedipus Tyrannus*, Junior, 3 hours.

The Greek of the Freshman and Sophomore years is required of all candidates for the degree of A. B.; that of the Junior year is prescribed for those who do not elect Sophomore Latin.

More important, however, than any quantity of text perfunctorily read is a knowledge of the language and a true conception of Greek life and the artistic ideals of the Greeks. The college library is well supplied with works of reference to which every student has access, and which he is urged to exploit to the fullest extent. But there are certain indispensable books which he must have at his elbow if he desires to make satisfactory progress and is not content merely to get the lesson for the day. These are a standard Greek Grammar; Goodwin's *Moods and Tenses*; Liddell and Scott's *Lexicon*; Peck's *Classical Dictionary*; a *Classical Atlas*. Some of these manuals are just as useful for the study of Latin as for Greek.

Students who wish to pursue Greek beyond the prescribed undergraduate course can be accommodated with three exercises per week for three terms, the subject to be studied or the authors to be read to be selected by the professor after consultation with the candidates. In addition to subjects exclusively Greek, one term in Greek history and one term in Comparative Philology may be taken.

## LATIN DEPARTMENT

DAFYDD J. EVANS, *Professor.*M. ELLA MOORE, *Assistant.*

Admission to the Freshman class is, without condition, given to those who finish the course in the State Preparatory School and to those who bring from accredited High Schools certificates covering the same course. This course is Cæsar, 4 books; Cicero, 6 orations; Vergil's Aeneid, first 6 books; weekly exercises in Latin composition.

The work of the Freshman year is required for the degrees of A. B. and Ph. B., and consists of De Senectute and De Amicitia, Livy, and Horace's Odes, with Latin writing weekly. *Four hours per week through the year.*

The work of the Sophomore year is required for the degree of A. B., but Greek may be substituted for it. For 1910 and 1911 the course will be the Letters and Satires of Horace, Tacitus' Agricola and Germania, and Juvenal's Satires. *Four hours per week through the year.*

Elective Latin: For the year 1910-'11.

Roman Oratory; Fall Term, Cicero's De Oratore, *three hours per week.* Winter Term, Quintillian, Book X, *three hours per week.* Spring Term, Roman Drama, Plautus' Captiva and Trinummus. *Two hours per week.*

In all the course it is the endeavor to impress upon the minds of students that Roman literature and the Latin language reflect the genius of a moral, practical, and mighty people, who, more than any other nation, have left their impress on the world in law and government; and that "Rome is the center of our studies and the goal of our thoughts; the place to which all paths lead, and from which all paths start again."

The college library is well supplied with books of reference to which students have access. Indispensable, however, are the following, which students are required to procure: Latin Grammar, Lexicons—Latin-English, and English-Latin, Gow's Classical Companion, and a Classical Atlas.



**MATHEMATICS AND CIVIL ENGINEERING**

PROFESSOR HOOVER.

PROFESSOR ADDICOTT.

**COLLEGIATE MATHEMATICS****Fall Term**

Solid Geometry, repeated, 5 hours per week. Preparatory.

College Algebra, 4 hours. Freshman.

Analytical Geometry, 4 hours. Sophomore.

Analytical Mechanics, 4 hours. Junior.

**Winter Term**

College Algebra, repeated, 4 hours. Freshman.

Plane Trigonometry, 4 hours. Freshman.

Differential Calculus, 4 hours. Sophomore.

Analytical Mechanics (continued), 4 hours. Junior.

**Spring Term**

Solid Geometry, regular term. Preparatory, 5 hours.

Spherical Trigonometry, 4 hours. Freshman.

Integral Calculus, 4 hours. Sophomore.

General Astronomy, 4 hours, (elective); prerequisites, all preceding courses. Junior.

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

**FRESHMAN ALGEBRA**—The continuation of Fisher and Schwatt's *Higher Algebra* used in the preparatory courses and starting with harmonical progression. In addition, the chapters on the binomial theorem, logarithms, permutations and combinations, variables and limits, the parts of Chapter XXXIII

on infinite series which contribute to the determination of the condition of convergency of the expansion of a binomial with any rational exponent, of the exponential and logarithmic series of Chapter XXXVIII., and of recurring series in Chapter XXXVII.; also the parts of Chapter XXXV., embracing the theorem of undetermined coefficients and its application to, at least, the expansion of rational fractions into series, partial fractions, and to the finding "the general term"; recurring series, method of differences, interpolation, Chapters XXXIX. and XL. on determinants and the theory of equations, all illustrated by the solution of many original exercises. Given in the Fall Term, Freshman year, and repeated in the immediately following Winter Term.

PLANE TRIGONOMETRY—There will be used in the Winter Term Bauer and Brooke's *Plane Trigonometry*. Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principles. In calculation the methods of the professional computer will be used.

SPHERICAL TRIGONOMETRY—Chauvenet's excellent and standard text is used. About all the text for which the student is, at this stage of his mathematical study, prepared, is taken. Special pains is taken in computation.

ANALYTICAL GEOMETRY—Smith and Gale's Introduction to Analytical Geometry is taken in the Fall Term, special effort being put on the original exercises. This branch is of great importance to engineering students. It is, besides, of most valuable disciplinary importance to any under-graduate.

DIFFERENTIAL CALCULUS—This will be given in the Winter Term of the Sophomore year. The first nineteen chapters of Osborne's revised text will be used.

INTEGRAL CALCULUS—This is a continuation of the work of the previous term in Osborne's text, and will be given in the Spring Term of the Sophomore year. The method of limits is the basis of the theory. Extensive drill in integration is given the student that he may acquire skill in this refined and highly useful instrument of investigation.

**ANALYTICAL MECHANICS**—Bowser's text, applying every previous mathematical course of the student, is taken in the Fall Term of the Junior year, and affords the best chance of show of ability of the mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

**COLLEGE ASTRONOMY**—Young's *General Astronomy* is used, most emphasis being placed upon the parts of a more mathematical character. As largely as possible, the student is made acquainted with the methods of the professional astronomer. Given in the Spring Term, Junior year.

**ELECTIVES**—The following are among the electives in recent texts by the best American and British writers: Advanced Theory of Equations, including Advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations; Advanced Statics and Dynamics; Elliptic Functions; Spherical Harmonics; Least Squares; Mathematical Optics, and other mathematical Physics, with Theoretical Astronomy.

## CIVIL ENGINEERING

Work in Civil Engineering was planned under action taken by the University Trustees in 1904. This course is designed to give students a working knowledge of the various subjects offered.

**LIMIT OF COURSE**—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Draughting-room and field practice make up a large part of the course.

**EQUIPMENT**—The Department makes use of seven rooms, in the building known as the East Wing. The draughting-rooms have fifty large tables, for drawing and mapping, and cabinets for drawing-boards, paper, instruments, etc. The instrument-room contains two Gurley 8-inch mining transits, two Ulmer 11-inch transits, a Buff and Berger 11-inch transit, a Keuffel & Esser 11-inch transit, three Gurley 20-inch Y-levels, an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, a Keuffel & Esser 20-inch Y-level, two Keuffel & Esser 12-inch levels, a Gur-

ley Plane-Table, a Mariner's Sextant, a Gurley compass, and numerous other instruments essential to field work, such as tapes, leveling rods, ranging poles, hand-levels, etc. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a Fairbanks improved testing machine, the Vicat, Gilmore's needles, molds, sieves, etc. New instruments and apparatus will be added as necessity requires, and every effort made to keep the department up-to-date in every particular.

**REFERENCE WORKS**—The leading periodicals and magazines relating to Civil Engineering are in the department library, and many others are in the Carnegie library, all of which are accessible to the students at all times. For list of magazines, see Electrical Department.

**REQUIREMENTS**—Same as for admission to the Freshman class of the College of Liberal Arts.

## **COURSE OF STUDY—CIVIL ENGINEERING**

### **First Year**

**FALL TERM**—College Algebra, 4; English, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Direct Currents, 4.

**WINTER TERM**—Plane Trigonometry, 4; English, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Electrical Distribution, 4.

**SPRING TERM**—Surveying and Leveling, 4; Field Work, 2; Mechanical Drawing, 2; Shades, Shadows, and Perspectives, 3; Elementary Mechanics, 4; Electricity, 2.

Those who desire may substitute a year's work in Chemistry or a Modern Language for the work in Electricity.

### **Second Year**

**FALL TERM**—Railroad Engineering, 4; Field Work, 2; Civil Engineering, 4; Analytical Geometry, 4; Cement Laboratory, 1; Typewriting.

WINTER TERM—Civil Engineering, 4; Calculus, 4; Stereotomy, 3; Drawing and Mapping, 2; Engineering Instruments and Their Use, 1; Commercial Law, 3.

SPRING TERM—Civil Engineering, 4; Integral Calculus, 4; Topographic Surveying, 2; Field Work, 3; Details of Construction, 2; Drawing, 2.

### Explanatory Statement

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

The work in Mechanical Drawing continues throughout the Freshman year, and embraces twenty plates. Much attention is given to lettering. Anthony's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman year. In the Fall and Winter terms it consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces, and to their intersections. About fifteen original problems are required. Shades, Shadows, and Perspective are taken up during the Spring term. Church's *Descriptive Geometry* is the text used.

Merriman's *Elements of Mechanics* is taken up during the Spring term. The work in the text-book is supplemented by additional problems.

Leveling and Surveying, of the Spring term, consists of four hours per week of recitations and two afternoons per week of field work, embracing the following: Leveling; Chain, Compass, and Transit Surveying; and the use of the Plane Table. The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Hodgman's *Surveying* is the text used.

The work in Railroad Engineering is taken up in the Fall term of the second year. This consists of four hours per week



of recitations and two afternoons per week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searles's *Field Engineering*.

In Civil Engineering and Engineering Construction, Fieberger's *Short Course* will be the text-book used in the discussion of the various subjects offered.

In Stereotomy, the work of French and Ives is used and enough class work is given to obtain a working knowledge of the subject. A number of original problems and drawings are required.

The course in Engineering Instruments and Their Use is intended to familiarize the student with such instruments as the Sextant, Plane-Table, Polar Planimeter, Universal Drafting Machine, Pantograph, Slide Rule, and other instruments.

The work in details of construction, as given in the Spring term, consists of two recitations per week and working drawings, with blue prints, of a wood and a steel truss. Howe's *Design of Simple Roof Trusses in Wood and Steel* is the text used.

In the Spring term the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are drawn. Conventional signs are used to represent the different structures and objects that appear upon the map.

The topographic map of the campus, in the front of the catalogue, was part of the regular work of the class of 1908.

The work in Mathematics, Sciences, and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of mathematics, language, English, etc., in the regular classes of the University.

Students at Ohio University can take up and complete, within two years, such engineering and scholastic studies as will give



them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students in the Scientific Course of the University can, if they so desire, elect work in this Department.

Students completing the course are given a certificate showing the character of the work done. Students are urged to remain and complete the Scientific Course, which can usually be done in two more years, by completing the required work of the course.

## **HISTORY, ECONOMICS, AND POLITICAL SCIENCE**

PROFESSOR ELSON.

### **Modern European History—Required**

This department is devoted to the study of the rise of absolutism on the ruins of feudalism, and the later development of constitutional governments in Europe.

Chief among the topics in this study are, The Decline of the Holy Roman Empire and of Spain, the Reformation of the Sixteenth Century, and the Religious Wars, Development of Parliamentary Government in England, the French Revolution and its momentous consequences, and the Unification of Italy and of Germany.

The text for class work is Schwill's "Political History of Modern Europe." In the library will be found for consultation Fyffe's "Modern Europe," Andrews's "Development of Modern Europe," "Thier's "French Revolution," Guizot's "History of France," Cambridge's "Modern History," Robinson's "Readings in European History," all the standard histories of England, Henderson's "History of Germany," and many other works.

### **United States History**

The importance of the study of United States History in preparing citizens to exercise the duties incumbent upon them as members of the body politic is growing more apparent

every year. Therefore the aim of the teaching in this department is so to read the history of the past as to throw light upon present civic and economic problems, and thus aid in their solution. The disciplinary value of the subjects included in this department is kept constantly in view. History is regarded as a record of the social, economic, moral, and political life of the people. Environment, former ideas, and changing industrial conditions are all considered as important factors in determining the course of events. The work of our great leaders in thought and action is studied carefully in connection with the history of the people. Students are encouraged to investigate the civil and economic questions of the present day with minds as free as possible from partisan prejudice and preconceived opinions.

The standard books in Civics and Economics are studied, and the views therein expressed are freely discussed in the class-room. Government publications, magazine articles, and other valuable material are read for the purpose of obtaining all the light possible upon the subject under discussion, as well as to broaden the mental vision of the student. The work for the year 1910-'11 is as follows:

### Collegiate American History—Elective

FALL TERM.—Advanced American History, covering our national period to the Compromise of 1850. Four hours per week.

WINTER TERM—The Period of Slavery Agitation, Causes of the Civil War. Four hours.

SPRING TERM—The Civil War, Reconstruction, and on to the present time. Four hours.

Elson's History of the United States will be used as a guide in the foregoing courses; but much of the work will be research work in the library, where may be found the Congressional Record, a great many books on special periods, biographies, and also, the Madison Papers, The Federalist, Poore's Constitutions and Charters, American State Papers, the Congressional Globe and Record will be used in connection with the standard

histories. The volumes of Bancroft, Rhodes, Von Holst, Schouler, McMaster, Hart, Channing, Cambridge Modern History, Vol. VII., and the American Statesman Series, and the American Nation Series are constantly at hand for reference. Hamilton's, Jefferson's, Clay's, and Calhoun's works are always accessible and often used.

### **SPECIAL ELECTIVES**

FALL TERM—Development of the British Empire, four hours. No special text-book.

WINTER TERM—Seignobos's "Ancient Civilization," three hours.

Comparative Governments, with Woodrow Wilson's "The State," as a text, and Lowell's "Governments and Parties in Europe," as a reference. This is a study of the present governmental systems of the leading European nations.

SPRING TERM—Seignobos's "Mediaeval Civilization." Three hours.

### **POLITICAL ECONOMY**

FALL TERM—The "Elementary Principles of Economics" to Chapter IV, Part III.

WINTER TERM—The "Elementary Principles of Economics," completed.

The work outlined above is required in the Collegiate Department. The "Elementary Principles of Economics," by Ely and Wicker, will be the text used. The fundamental principles of the subject will be studied in the first term, followed in the second term by their practical application to the questions of to-day.

### **ELECTIVE ECONOMICS**

WINTER TERM—Advanced Economics, three hours. Hadley's "Economics" will serve as a text-book.

INTERNATIONAL LAW—Wilson and Tucker as a text.

SPRING TERM—Methods of Taxation. No special text, three hours.

## PHILOSOPHY, ETHICS, AND SOCIOLOGY

PROFESSOR TREUDLEY

The purpose of the various courses offered in the accompanying schedule of work is not only to acquaint students with the general lines of thought, but to aid them to acquire power to reflect upon the problems of life and conduct. If there be sufficient demand, special studies may be offered kindred and supplementary to those which are announced. It is the purpose of the department to make this work practical not only in so far as the individual's own thinking is concerned, but also as regards the bearings of these themes upon public and private life.

### COURSES OF STUDY

#### Fall Term

1. ETHICS—Three hours per week. Required of all Junior students in the course leading to the degree of Bachelor of Philosophy, and of Normal-College students in the Sophomore year, and elective for all others of equal standing. The purpose of this course is to set forth the general principles of conduct with their application to life and character.

2. LOGIC—Four hours per week. Senior required.

3. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the courses leading to the degrees of Bachelor of Philosophy and Bachelor of Pedagogy and elective for Juniors and Seniors in other courses. The work of this term will embrace a study of Greek philosophy and its bearing upon subsequent thought.

4. STUDIES OF ANCIENT AND MEDIAEVAL CLASSICS—Two hours per week. Elective. Fall Term, Job and Selections

from Greek Tragedy. Winter Term, The Ethics of Aristotle. Spring Term, Dante's Divine Comedy.

These courses are offered to students whose maturity and general reading would qualify them for the enjoyment of such works of art. They are intended to constitute a sort of supplement to studies in philosophy and ethics or as an introduction to the same. They are also designed for students who would like to obtain some general insight into the great masterpieces of a world of thought and experience which, although long since passed away, dealt with questions of universal and perennial interest. They are subject to change and will be conducted by means of lectures and readings, and will be associated with insights into social conditions of which these selections are the chiefest expression.

### Winter Term

1. SOCIOLOGY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy in the Junior year, and of all Normal-College students in the Sophomore year, and elective for all others of equal standing.

2. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy, and elective for all other students of Junior and Senior standing. Particular study will be made of Mediæval Philosophy and the philosophy of the Seventeenth century.

3. ETHICS—Three hours per week. Elective for Juniors and Seniors and students having had first term Ethics. This course is designed to supplement the work offered during the Fall term by extending it so as to include a further study of the more fundamental questions affecting the individual and social life.

4. SOCIAL SIGNIFICANCE OF THE TEACHINGS OF JESUS—Three hours per week. Elective. Designed to meet the wants of a growing number of students interested in the religious aspects of social problems. Besides the direct study of New

Testament teachings upon social questions, extensive readings will be required of the works of such men as Harnack, Fairbairn, Speer, Shailer Matthews, Hyde, Peabody, etc.

### Spring Term

1. HISTORY OF PHILOSOPHY—Three hours per week. Required of all students in the course leading to the degree of Bachelor of Philosophy and elective for all Juniors and Seniors in other courses. Special study will be made of Modern Philosophy.

2. SOCIOLOGY—Three hours per week. Elective for Juniors and Seniors and students having had the first term in Sociology. The purpose of this course is to supplement the required course in Sociology by an examination of social conditions as found in modern life.

3. PROBLEMS IN PHILOSOPHY—Three hours a week. This course is elective and is designed for students of whom but one term in Philosophy is required, and for students of matured powers who would like to gain some insight into this field of inquiry. It is recommended to students in the Philosophical Course also as a desirable preparation for the study of this History of Philosophy. The organization of the class will depend upon the demand.

4. EVIDENCES OF CHRISTIANITY—Elective. Two hours a week. There are in college a number of students of ability and maturity and of advanced collegiate standing who are interested in matters pertaining to religion to which such a study would be desirable. As a basis of work Fisher's "Grounds of Theistic and Christian Belief" will be used. The organization of the class will depend upon the demand.

### MODERN LANGUAGES

PROFESSOR CLAASSEN

LILLIAN C. ROBINSON, *Instructor.*

### GERMAN

The purpose of the work of the first year is to secure a thorough knowledge of the fundamental principles of the German language and to acquire an extended vocabulary.



In order that the student may acquire the ability to understand spoken German and to *think* in German, the work in the class-room is carried on in German, as far as practicable, the prose composition, consisting largely of reproduction of things read in German, is made an important feature of the work.

After the first year the aim (of the regular course) is to familiarize students with the best German literature. Historical dramas require special study and collateral reading.

A German Club, maintained by students of classes beyond the first year, and meeting every three weeks, is to assist students in acquiring proficiency in the use of colloquial German.

If any course in German is elected, it should be continued throughout the year.

### Courses

1. German Grammar. Study of forms and composition. Conversation based on Newson's *First German Book* (the new edition of Alge's *Leitfaden*), in connection with Hoelzel's charts on the seasons. Fall term, (required) five hours.

2. Study of Syntax. Reader and Grammar completed. Some short modern story, such as Storm's *Immensee* and composition based thereon. Conversation as in first term. Winter term, (required) five hours.

3. Composition based on story read. Schiller's *Wilhelm Tell* and, if possible, some short comedy or story. Conversation continued. Spring term, (required) five hours.

4. Reading of some modern prose, such as Max Mueller's *Deutsche Liebe* and of a modern drama. Conversation based on Newson's *German Reader*, (the second part of Alge's *Leitfaden*) and Hoelzel's charts. Adapted and original composition and grammar exercises. Fall term, (required in B. S. and Ph. B. courses, elective in A. B. course) 4 hours.

5. A drama and some lyrics of Schiller. Continuation of German theme writing and grammar drill, and of conversation. Winter term, (required and elective as in Course 4) 4 hours.

6. Some work of Gœthe. Conversation and composition continued, as in 4 and 5.

\*7. Sudermann, one drama and one novel read in class. Each student should read and review one of his works outside of class. Composition (reproduction in German) and conversation based on *German Daily Life*. Fall term (elective), 4 hours.

\*8. Hauptmann, *Der Arme Heinrich*, or *Die Versunkene, Glocke*. Outside work, composition and conversation as in 7. Winter term (elective), 4 hours.

\*9. Gœthe's *Meisterwerke*, following the text by Bernhardt. Spring term (elective), 4 hours.

\*10. *Wallenstein*, Schiller, the complete trilogy and portions of Schiller's *Thirty Years' War*, having bearing on the drama.

\*11. Gœthe's *Faust*, Part one, or some dramas of Grillparzer, Kleist, or Hebbel.

\*12. Brief survey of German Literature. Lectures, readings, and reports.

13. Scientific German, required for courses in Engineering. Introduction to the reading of scientific German. Fall term, 3 hours.

14. Scientific German. Reading of scientific monographs. Winter term (required as in 13), 3 hours.

15. Some scientific work of Humboldt or Gœthe and some historical or philosophic prose, (elective), 3 hours.

## FRENCH

1. ELEMENTARY FRENCH—The object of the course is to give the essentials of the grammar, including the conjugation of the regular and the more common irregular verbs; the plural of the nouns; the inflection of adjectives, participles and pro-

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\*Courses 7, 8, and 9 are, for the present, given in alternate years with 10, 11, and 12. In 1910-11, Courses 7, 8, and 9 will be given.

nouns; the use of the personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence, and the elementary rules of syntax. Fall term, 4 hours.

2. **ELEMENTARY FRENCH (Continued)**—A systematic review of the entire grammar; careful drill in pronunciation, oral and written reproduction of stories; memorizing of prose and poetry; writing French from dictation; reading of not less than 200 duodecimo pages of graduated texts, with constant practice of translating into French easy variations of the sentences read. Winter term, 4 hours.

**INTERMEDIATE FRENCH**—Continued drill upon the rudiments of grammar, with constant application in the construction of sentences; mastery of the forms and use of pronouns, pronominal adjectives, of all irregular verbs, and of the simpler uses of the conditional and subjunctive; the reading of not less than 300 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; constant practice in translating into French easy variations upon the texts read; frequent abstracts of the text; continued drill in pronunciation, conversation and dictation. Spring term, 4 hours.

4. **ADVANCED FRENCH**—Idioms, synonyms, diction. The course calls for the ability to use the language effectively as a means of oral and written expression. Characteristic French prose and poetry form the basis for more advanced language study. Fall term, 4 hours.

5. **OUTLINE HISTORY OF FRENCH LITERATURE**—This course traces the history of French literature from its origin to the present day, bringing out the great currents in their relation to each other. Illustrative readings from representative authors will be assigned for study and report, and themes and essays on literary subjects will be required. The course will thus at the same time be one in advanced composition. Winter term, 4 hours.

6. **FRENCH LITERATURE OF THE XIX CENTURY**—Study of the representative works beginning with Victor Hugo and the French romanticists. Spring term, 4 hours.

7. FRENCH LITERATURE OF THE XVIII CENTURY—Le Sage, Marivaux, Montesquien, Voltaire, Diderot, Jean Jacques Rousseau, Regnard, etc. Fall term, 4 hours.

8. FRENCH LITERATURE OF THE XVII CENTURY—Classicism, origin, formation, apogee, decline. Writers: Boileau, Moliere, Racine, Corneille, LaFontaine, Pascal, Bossuet, etc. Winter term, 4 hours.

9. HISTORY OF THE FRENCH LANGUAGE—Lectures on the general history of the French language from its origin to the present time. Nyrop; Grammaire Historique de la Langue Francaise, tome premier, premiere partie. Fall term, 3 hours.

10. FRENCH LITERATURE OF THE XVI CENTURY—Origin of classicism in France; study of language and literature with illustrative readings.

Darmesteter et Hatzfeld: Le Siezieme Siecle en France. Winter term, 3 hours.

## SPANISH

1. ELEMENTARY SPANISH—Drill in pronunciation, including accentuation; the rudiments of grammar, including all the regular and the more common irregular verbs, the forms and order of the personal pronouns, the uses and meaning of the common prepositions, adverbs and conjunctions, the use of the personal accusative, and other elementary rules of syntax. Fall term, 3 hours.

2. INTERMEDIATE SPANISH—Practice in speaking and writing Spanish, together with the careful reading of several modern novels and dramas. Attention is constantly directed to points of syntax, idiomatic constructions, synonyms and the translation of English into Spanish. Winter term, 3 hours.

3. SPANISH PROSE COMPOSITION—This course is designed to give the student a practical command of Spanish as a medium of expression. It may be varied to adapt it to the needs of the student, now tending more to commercial forms of composition, now to those forms used in literature, or by the traveler. Spring term, 3 hours.

4. GENERAL INTRODUCTION TO SPANISH LITERATURE—Texts will be selected from the following lists: *Electra*, (Galdos); *Jose* (Valdes); *Guzman el Bueno* (Gil y Zarate); *La Verdal Sospechosa* (Alarcon); *Don Gil de las Calzas Verdes* (Tirso de Molina); *Cervantes, Novelas Ejemplares*; outside reading. Fitzmaurice Kelley's *History of Spanish Literature*, (preferably in the Spanish version) by Bonilla y San Martin. Fall term, 3 hours.

5. SPANISH CLASSICS—The life and works of Cervantes, Critical reading of the first fifty chapters of *Don Quijote*; the peculiarities of syntax, style, and diction as compared with modern Spanish, will be studied. Winter term, 3 hours.

6. SPANISH CLASSICS (Continued)—Selected dramas of Lope de Vega and Calderon. Spring term, 3 hours.

## BIOLOGY AND GEOLOGY

PROFESSOR MERCER.

J. A. BADERTSCHER, *Instructor*. J. V. BOHRER, *Assistant*.

This department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The work in Zoology begins with the Winter term of the Freshman year. Abundant opportunity is offered for field work. In addition to the material gathered by the class, use is made of preserved marine types which are received from time to time for the purpose of dissection. Each student is required, also, to spend some time in the Zoological Museum, which contains many valuable specimens.

The student enters the laboratory at the very start, and such types are placed before him for examination and dissection as will lead him step by step to correct habits of observation, by which he is enabled to comprehend the close relations of one form of life to another. As this work is in progress, the subjects under examination are fully discussed, and, on the completion of each dissection, the student is examined upon the work done. Drawings are required of the different parts and or-



gans, in all cases. After a few types have been studied in the laboratory the subject of classification receives careful attention.

An advanced course in Zoology is offered in the college proper, and a scholarship has been established which insures free tuition and laboratory privileges at the Marine Biological Laboratory, Cold Spring Harbor, Long Island, to the student in this department doing the highest grade of work. The importance of the advantages thus secured cannot be overestimated, as the student is given abundant opportunity to study marine life amidst its proper environments. He will, to this end, be expected to assist frequently in dredging, for which a naphtha launch is provided.

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

Elementary Botany is required in all the Preparatory courses. Work begins with an observational study of germinating plantlets, all students being required to sow the seeds of several representative plants and to make careful drawings of the different stages of growth. Leaves, roots, and stems are studied from the objects as far as practicable, and practical dissections of certain typical flowers precede the regular work of Systematic Botany. As time permits, the student is given some insight into the microscopic structure of plants by practical work in the laboratory. An herbarium of not less than forty plants will be required of all, or an equivalent in laboratory



work. In the collegiate course the student is set to work at once with the microscope, the object being to secure a knowledge from actual observation of the general anatomy and physiology of plants. This is followed by work upon the Cryptogams, and all will be encouraged to make some special investigations for themselves.

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water baths, paraffin bath, CO<sub>2</sub> freezer, Minot Microtome, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings. It is the intention to give a thorough knowledge of the structure and mode of growth of typical plants and animal forms, and the laboratory work is accompanied with lectures, in which the composition of organisms, methods of reproduction, development, and other biological subjects are discussed.

At an early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Paleontological Geology, and these subjects are further studied in the field. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Department to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

WORKS OF REFERENCE—Parker & Haswell, Text-book of Zoology, Schafer, Text-book of Physiology, Marshall & Hurst, Practical Zoology, Stewart, Manual of Physiology, Bessey's Botany, Goodale's Physiological Botany, Gray's Structural Botany, Woll's Diatomaceæ of N. A., and Desmids of the U. S., Strasburger's Manual of Vegetable Histology, Goebel's Outlines of Classification and Special Morphology, Vine's Physiology of Plants, DeBarry's Comparative Anatomy of Phanerogams and

Ferns, Huxley's and Martin's Biology, Sedwick and Wilson's Biology, Packard's Zoology, Lang's *Vergleichende Anatomie der Wirbellosen Thiere*, Landoies's Physiology, Stirling's Histology, Piersol's Histology, Shafer's Essentials of Histology, Carpenter's *The Microscope*, Frey's *Microscopical Technology*, LeConte's *Elements of Geology*, Dana's *Manual*, Dana's *Mineralogy*, Crosby's *Mineralogy*, Lyell's *Principles of Geology*, Geike's *Text Book of Geology*, Government Reports, complete sets of the *American Journal of Morphology*, *Illustrated Flora of the Northern United States and Canada*, by Britton and Brown, Shaefer's *Text Book of Physiology*, Chavau's *Comparative Anatomy of the Domesticated Animals*, and Campbell's *Text Book of Botany*.

CURRENT JOURNALS—*American Naturalist*, *Science*, *American Journal of Anatomy*, *Biological Bulletin*, *Ohio Naturalist*, *Journal of Experimental Zoology*, *Mycological Bulletin*, *Nature-Study Journal*, *Popular Science Monthly*, *Science Progress*, and the reports of all the leading scientific societies.

### Preparatory Biology

Fall Term—Physiology and Hygiene.

Winter Term—Botany.

Spring Term—Botany.

This work is required of all students five hours each week for the entire year.

### College Biology

Fall Term—Vertebrate Zoology. (Sophomore elective) 4.

Osteology. (Sophomore elective) 4.

Microscopy and Histology. (Junior elective) 5.

Structural Botany. (Senior elective.) 4.

Geology. (Senior required) 4.

Experimental Physiology (Junior elective) 4.

Winter Term — Invertebrate Zoology. (Freshman required) 2.  
Anatomy. (Sophomore elective) 4.  
Physiology. (Sophomore required) 4.  
Histology. (Junior elective.) 5.  
Bacteriology. (Junior elective) 4.  
Human Anatomy. (Elective) 4.

Spring Term — Invertebrate Zoology. (Freshman required.) 4.  
Historical Biology. (Elective) 3.  
Physiology. (Sophomore required) 4.  
Embryology. (Junior elective) 5.  
Neurology. (Elective) 3.  
Sanitation. (Elective) 3.

Summer Term—Preparatory Botany. (Spring term work) 5.  
Teachers' Physiology. (Advanced course) 5.  
Structural Botany. (Senior) 4.  
Zoology. (Freshman required) 5.  
Sanitation. (Elective) 3.

All the college courses are laboratory courses. It requires two hours of actual work in the laboratory for one hour credit. All four-hour courses are made up of at least two laboratory periods and two lectures or recitations each week of the term, and all other laboratory courses in the same proportion.

Any student electing the course in Histology and Embryology must plan to take the entire work of the year.

### Description of Courses

1. ANATOMY. The laboratory work will be mainly dissection of the cat or rabbit, and the study of microscopic sections of all important organs.

2. PHYSIOLOGY. The course will consist of at least two lectures or recitations, one hour each, and two laboratory sections of two hours each, every week of two terms. This will be a course of actual demonstration of the functions of the different organs of the body. For example, the student actually tests the action of the reagents found in the gastric juice upon

the food principles. He then uses the gastric juice prepared from the stomachs of different classes of animals, and tests its action upon different foods, the changes thereby being brought before the eye. Experimental Physiology forms a large part of this course.

Physics, Chemistry, and Zoology (or a thorough course in Preparatory Physiology) are required before entering this course.

3. HISTOLOGY—This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods. The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine, as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of physiology.

4. BOTANY—Study begins with the plant cell, and traces the development of the plant through the successive orders to the flowering plants. Attention will be given to living plants, including plant histology, and a general consideration of all the life principles involved in plants.

5. INVERTEBRATE ZOOLOGY—The course in Zoology takes up the study of animal life in the line of development, beginning with the amoeba and tracing the line by means of type forms through the succeeding orders to the vertebrates. Physiology in the simple forms is studied with special reference to its bearing upon human physiology.

6. VERTEBRATE ZOOLOGY—This course includes all of the Phylum Chordata except the mammals. The type forms studied are the *Amphioxus*, the dog-fish, the perch, the frog, the turtle, and the English sparrow. A careful dissection is made of all these forms, but more time is spent on the frog than on any other form. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in chordata. Physiology plays a very important role in this course for all of these forms.

7. BACTERIOLOGY—This course is mainly one of technic. The student prepares all the common media, inoculates specimens of many of the different forms of bacteria, and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms, making slides from the cultures.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relations of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

The work is so arranged that a person desiring to get a theoretical knowledge of the subject can enter the lectures and get half credit in hours.

8. EMBRYOLOGY—In this course the student follows carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparisons with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 mm. to 30 mm. are studied throughout the entire course.

9. EXPERIMENTAL PHYSIOLOGY—In this course the frog is used to a large extent in performing the experiments. A complete set of the Harvard apparatus is in constant use. The activities of the muscles and all of the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles is shown in many ways, including the central nervous system and the sympathetic system. Dr. Fish's manual is used as the basis for the laboratory work, with Porter's Physiology as a constant reference work.

10. NEUROLOGY—This course begins in the Winter term in connection with the Histology. The technic is mastered and many slides are made of the different parts of the nervous system. The study proper is taken up in the Spring term, in which dissections of the brain and the spinal cord are made and the parts carefully worked out. The relation of the nerves to the centers is shown by dissection and the study of the



slides made during the latter part of the Winter term. The course is designed not only to bring out the anatomy of the Nervous System, but the physiology as well.

11. HISTORICAL BIOLOGY—This course will bring out the fundamental ideas of Biology, and men and conditions under which they were given to the world. The different theories of the origin of the species will be discussed. Natural selection, adaptation, mutation, etc., will receive a prominent place. All these discussions bear upon the great question of Heredity. To bring out all the above topics the biography of the leaders of Biology will be used to a large extent. Thirty-six college hours will be allowed for the completion of this course.

12. SANITATION—This course will be an advanced course in Hygiene and presupposes a thorough knowledge of Physiology. Nothing less than a first-class high school course in Physiology will be accepted. This course will, in no sense, take the place of the course in Elementary Physiology, described above. A good practical knowledge of bacteria and their relation to disease will be obtained. The laboratory work will be largely the culture and the observation of bacteria both in a general way and with the microscope. Fundamental questions of sanitation, both municipal and personal, will be discussed. The legal side, as well as the scientific side, of school inspection, etc., will be discussed. Thirty-six college hours will be allowed for the completion of this course. The course will be offered both in the Spring and in the Summer terms.

## DEPARTMENT OF MEDICAL SCIENCES

*It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time might be gained.* With this object in view, the Department of Biology now offers such work as is, in conjunction with Physics and Chemistry, recognized by the best of these schools the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be



given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives them time to specialize in some subject during their medical course. The advantage of this cannot be overestimated.

The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The biological work is, from the very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technic of section cutting and mounting. A practical knowledge of Human Anatomy is obtained from the careful dissection of the human body. Arrangements have been made whereby students of the University are allowed, under certain conditions, to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefore required to do practical work in the all-important subject of Bacteriology.

### Premedical Sciences (Required Subjects)

Fall Term Subjects	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
Physiology and Hygiene...	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75
Structural Botany .....	Rec. (1)	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	120
Inorganic Chemistry.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
Elementary Physics.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	105
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	75

Winter Term Subjects	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
Comparative Anatomy.....	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
Invertebrate Zoology.....				Rec. (1)	Lab. (2)	36
Inorganic Chemistry .....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
Elementary Physics.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	84
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
Physiology .....	Rec. (1)	Lab. (2)	Lab. (2)		Rec. (1)	72
Spring Term Subjects						
Chemical Physiology .....		Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	72
Invertebrate Zoology .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
German .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60
French .....	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	Rec. (1)	60

## Medical Sciences

Fall Term Subjects	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
*Histology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
*Qualitative Analysis.....	Lab. (3)	Lab. (3)	Lab. (3)			135
*Experimental Physiology .....	Rec. (1)		Lab. (2)		Lab. (4)	105
*Comparative Vertebrate Anatomy.....	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)		90
*Osteology .....	Rec. (1)	Lab. (2)	Lab. (2)		Lab. (2)	105
Advanced Physics .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		90
Medical Latin .....	Rec. (1)	Rec. (1)	Rec. (1)			45

Winter Term Subjects	Mon.	Tues.	Wed.	Ths.	Fri.	Hrs.
*Histology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
*Bacteriology .....	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)		84
*Human Anatomy .....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	120
*Organic Chemistry .....	Rec. (1)	Rec. (1)	Rec. (1)			45
Quantitative Analysis .....	Lab. (3)	Lab. (3)	Lab. (3)			108
Physical Chemistry .....			Rec. (1)	Rec. (1)	Rec. (1)	26
Advanced Physics .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (2)		72
Medical Latin .....	Rec. (1)	Rec. (1)	Rec. (1)			36
Physiological Psychology	Lab. (2)	Rec. (1)	Lab. (2)	Rec. (1)	Lab. (2)	96
Spring Term Subjects						
*Embryology .....	Rec. (1)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	96
*Human Anatomy .....	Lab. (2)	Lab. (2)	Lab. (2)	Lab. (2)	Rec. (1)	108
*Qualitative Analysis .....	Lab. (3)	Lab. (3)	Lab. (3)			108
Quantitative Analysis .....	Lab. (3)	Lab. (3)	Lab. (3)			108
Electro-Chemistry .....			Rec. (1)	Rec. (1)	Rec. (1)	36
Advanced Physics .....	Rec. (1)	Lab. (2)	Lab. (2)	Rec. (1)		72
Neurology .....	Rec. (1)	Lab. (2)	Lab. (2)			60
Abnormal Psychology .....		Rec. (1)	Lab. (2)	Rec. (1)	Lab. (4)	96
Sanitation .....	Rec. (1)	Lab. (2)	Rec. (1)	Rec. (1)		60

All subjects in the group of the premedical sciences are required in all the college courses. The starred subjects in the schedule of medical sciences are required of all students desiring advanced standing in medical colleges. It is possible for a student to take the entire group of subjects in the schedule of medical sciences as elective during a four-year course at the University.

The figures in the column marked *Hrs.*, in the schedule, indi-

cate the number of actual hours worked in each subject. All other figures indicate the number of hours worked each day.

Among the books of reference to be found in the library may be mentioned Gray's Anatomy, Quinn's Anatomy, Holden's Anatomy, Landois and Sterling's Physiology, Hertwig-Mark's Text-book of Embryology, Lehrbuch der Vergleichenden Entwicklungsgeschichte (Korchelt & Heider), Minot's Human Embryology, Zeigler's General Pathology, Stoehr's Histology, Von Kohlden's Pathological Histology, Korchelt & Heider, Text-book of Embryology of the Invertebrates, Wilder and Gage's Anatomical Technology, Weidersheim's Comparative Anatomy, Sternberg's Bacteriology, Reference Hand-book of Medical Sciences, Spalteholz's Hand Atlas of Human Anatomy, and standard texts and guides in Histology. The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Human Anatomy, Histology, Physiology, Structural and Systematic Botany, Vegetable Histology, Embryology, and Bacteriology.

## CHEMISTRY

PROFESSOR BENTLEY

PAUL B. KERR, *Instructor*.

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the general principles of this science and gives him practice in some of the methods used in the chemical laboratory. To a smaller number of students the Department offers superior facilities for more advanced work both theoretical and practical, organic as well as inorganic. In the rooms recently equipped for advanced work every convenience is supplied. The Department is also accumulating a library of reference books which will meet the requirements of the students who make Chemistry their special field for work.

### Courses

1. GENERAL DESCRIPTIVE CHEMISTRY—This course consists of three lectures or recitations and four hours' laboratory

work per week during the Fall and Winter terms. The lectures will be illustrated with experiments and with stereopticon views on applied chemistry. In the laboratory the student will study the preparation, properties, and reactions of the various elements and compounds considered. This course requires no special preparation, and it or an equivalent must precede all other courses in chemistry. It is required of Sophomores in the A. B. and Ph. B. courses and for Freshmen in the B. S. course.

Holleman's *Inorganic Chemistry*, Newth's *Inorganic Chemistry*, and Remsen's *College Chemistry* are recommended as reference books for students in this course.

2. **QUALITATIVE ANALYSIS**—A laboratory course of three hours per week for two terms is offered. By doubling the working time the whole work may be done in one term. The student will become familiar with the tests applied for the identification of bases and acids in insoluble as well as soluble substances.

3. **ORGANIC CHEMISTRY**—Three times per week throughout the year. Laboratory work in organic preparations may be arranged for if desired.

4. **THEORETICAL CHEMISTRY**—This course will consist of three recitations per week throughout the year. It will supplement the theoretical work done in Course 1, and will give the student some acquaintance with the more recent developments in theoretical chemistry. Course 4 must be preceded by Course 1. Courses 3 and 4 will be given in alternate years. For 1910-'11 Course 3 will be given. Walker's *Introduction to Physical Chemistry* will be used as a text-book.

5. **QUANTITATIVE ANALYSIS**—A laboratory course, the equivalent of three hours per week, for three terms, is presented. The course will give practice in all the more general methods of quantitative analysis, both gravimetric and volumetric. It should be preceded by Course 2.

6. **ADVANCED PRACTICAL CHEMISTRY**—A laboratory course equivalent to three hours per week to be devoted to such work as the student may elect. This course follows Course 5.

7. **TECHNICAL CHEMISTRY**—This course will consist of lectures, recitations, and reports by the students. It will be shaped to suit the wishes of the class and will secure a credit of three hours per week. This course will be open only to those who have taken Courses 1 to 6 inclusive or their equivalent.

8. **METALLURGY**—A general treatment of the subject occupying three hours per week. Previous training in general and analytical chemistry is essential.

## PHYSICS AND ELECTRICAL ENGINEERING

*Professor* ATKINSON

GEORGE E. McLAUGHLIN

*Assistant in Electrical Engineering and Instructor in Shop Work.*

HOWARD A. PIDGEON

*Instructor in Laboratories.*

1. **ELEMENTARY PHYSICS**—This work is required in the third preparatory year in all the courses of study. Recitations three times a week; laboratory work four hours a week. A laboratory fee of fifty cents a term is charged. This work will not be required of those having a diploma from a First Grade High School, where fifteen units are approved for admission. The class work and laboratory experiments will be required of all others who have not had their equivalent. Carhart and Chute is used as a text-book; Laboratory manual, Atkinson and Evans.

2. **PHYSICAL MEASUREMENTS**—This is a laboratory and reference course of four hours' credit a week in the Spring term of the Freshman year. This or an equivalent, will be required of all students entering upon the general Scientific, Electrical Engineering, Civil Engineering, and Medical Courses, unless they present note books covering at least forty approved experiments.



3. GENERAL PHYSICS—This course is required throughout the Junior year of the Scientific course, and is open as an elective to students in other courses, provided they have the preparation required of students regularly in this course. In all cases, the course in General Descriptive Chemistry, or its equivalent, must precede this course in Physics. Also a knowledge of Analytical Geometry and Calculus will be required. The instruction consists, first, of class work, with experimental demonstrations; second, of individual laboratory work of an advanced character. Watson, Hastings and Beach, Carhart, Nichols and Franklin, Duff, and other larger works are used as references in the class work, such as Drude, Violle, Muller-Pouillet, etc.

The laboratory portion of the work will be adapted to the requirements of Junior students and will presuppose the work in Courses 1 and 2 or their equivalent. Recitation three times a week, laboratory six hours a week. Ames & Bliss, Nichols, Miller, Watson, Stewart & Gee, Millikan, Ferry, and other authors are used as laboratory references.

4. PHYSICAL LABORATORY—This will be a special elective course in heat and light, given in the Senior year, and open to those who have already had 2 and 3.

5. PHYSICAL LABORATORY—This is elective, and will be open on the same terms as 4. The course consists of exact measurements in electricity and magnetism. Nichols, Stewart & Gee, Kempe, Carhart & Patterson, and Ayrton, will be used as references. Class work twice a week. Laboratory six hours a week during third term.

6. PHYSICAL LABORATORY—This is an elective course, given in the first term, Senior year, consisting of a study of dynamo electric machines to the end of determining and plotting their characteristics, efficiency, regulation, etc. Lectures twice a week. Laboratory six hours a week. Text, Franklin and Esty.

### Electrical Engineering

OPPORTUNITIES—It is unnecessary to state that Electrical Engineering offers attractive opportunities to young men, since

everybody understands this already. Ohio University prepares men for these opportunities in its Department of Electrical Engineering, and more positions are open than there are available men to fill them.

Ohio University is a State institution, whose free library, now occupying the new Carnegie Library Building, literary societies, musical, scientific, and other organizations offer many advantages to students. All the regular literary departments of the University are open to engineering students, if they choose to elect any of the general work there offered. The whole atmosphere of college surroundings is beneficial, and constitutes no small advantage over the purely technical school. In Ohio University small classes, usually ten to forty, and attention to individual students, are advantages that can not be overestimated.

**EQUIPMENT**—The University possesses an incandescent lighting and power plant, used for lighting the buildings and furnishing power to the laboratories and shops, providing the students practical training in the construction, operation, and care of electrical and steam machinery. Very extensive additions to the electrical equipment have been made recently. Both direct and alternating currents are used. The switches and fittings on the boards, wiring, and general installation are all the work of students. Modifications and extensions from time to time give others excellent opportunities to obtain valuable practice. This practice also includes dynamo and engine tests, attaching indicators, obtaining and interpreting cards, valve settings with and without the indicator, etc. The equipment consists, in part, of a laboratory for Elementary Physics and Electricity, a laboratory for advanced Physics, one for electrical measurements, a lecture room, office, photographic dark room, photometry room, drafting room, a dynamo, motor, and transformer laboratory, a gas engine plant, a shop, and a boiler and engine room. In all these, students have the advantage of practical training in the various phases of electrical and steam engineering work. Great expense has been incurred in equipping these departments of work, and additions will be continually made in order to keep up with the times and the increased enrollment. The power-

room contains a direct-connected Thompson-Ryan-McEwen set, a Corliss engine belted to a 3-phase generator, and a vertical Erie engine, and the necessary switch-boards and other appliances; the steam power being derived from a 100-horse power boiler located in an adjacent room. The dynamo laboratory contains a Westinghouse multipolar machine which can be used as a compound generator or as a motor to drive the counter-shaft to which are belted other machines, which in turn may serve different purposes for power and tests; for example, a Western Electric arc machine, a Westinghouse bi-polar incandescent, T. H. generator, a multipolar alternator, two induction motors (three-phase), a rotary converter, with pulley, a 10-horse power multipolar motor and generator, and a  $7\frac{1}{2}$ -horse power low speed motor. There are also several motors of various designs from  $\frac{1}{4}$  to 5-horse power, and a 5-horse power gas engine. In this laboratory are also several transformers of different sizes and makes, used for experimental and testing purposes. There are also the necessary switch-boards, lamp-racks, load rheostats, measuring instruments in large number and variety, such as voltmeters, ammeters, wattmeters, electro-dynamometers, tachometers, contact makers, etc. Recently a 20 K. W. Westinghouse gas engine and generator plant, with the necessary air compressor and tank, switch-board, etc., has been added to the equipment of the Electrical Engineering Department.

Our shop facilities have also been improved both by the additions of a large room and a great deal of new machinery. What was formerly the gymnasium floor has been converted into additional shop room, and equipped with wood-working benches; wood-working lathes driven by motors; band-saw, shaper, circular saw, and jointer, all motor driven. The machine lathes, drill, grinders and other machinery in the older shop are also driven by electric power.

AID—Ohio University makes no promises of positions to prospective students. But the young man who conscientiously does what is assigned him to do, and makes a success of his college work, need have no fears about his future success. Of course we use our influence in helping young men secure posi-

tions. The fact that no one of those who has creditably completed the course has failed to secure a good position, and that we often have calls for men we are unable to supply, should be a sufficient guarantee and encouragement to those about to begin the work. Our principal object is the thorough mental and practical training of men for the various lines of engineering work; and they are thus fully prepared to accept good positions.

REFERENCES—Students in the Engineering departments find on file for ready reference a large number of technical periodicals, such as the *Electrical World*, *Electrical Age*, *Electrocraft*, *Electric Journal*, *Street Railway Journal*, *Engineering Magazine*, *Power*, *Scientific American*, *Scientific American Supplement*, *Proceedings of American Institute of Electrical Engineers*, *Science*, *Physical Review*, *Science Abstracts*, *Engineering News*, *Engineering Record*, *Mines and Minerals*, *Journal of the Association of Engineering Societies*, *Journal of the Western Society of Engineers*, *Reports of the State Engineering Societies*, *Cement*, *Railway Gazette*, *Journal of Franklin Institute*, *Electro-Chemical and Metallurgical Industry*, *Journal of the Chemical Industry*, *Die Zeitschrift fur den physikalischen und chemischen Unterricht*. Besides, the Department library, which is available to students taking these courses, the Carnegie library is also open for use each day, and three evenings a week.

REQUIREMENTS—All work scheduled in Electrical Engineering can be taken as elective by students pursuing the course leading to the degree of Bachelor of Science. There is optional substitution of modern languages for Latin. See courses of study of the State Preparatory School given elsewhere. Graduates of First Grade high schools will be able to enter the first year of the course without condition.

A diploma from a First Grade high school, or its equivalent, is now required for admission to this course. It is urgently recommended that the complete Scientific Course be taken, which can be completed in four years by judiciously arranging the Engineering studies as electives. If the Short Course, with the auxiliary studies are fully completed, a certificate will be is-

sued showing the character of the work done. Also, where it is deserved, a recommendation will be issued showing the student's ability in theoretical and practical electrical and steam engineering. The courses are subject to such changes from time to time as the profession requires, and as the proper treatment of such studies makes necessary. Students who finish either of the courses will be fully able to meet the requirements of the Ohio law relative to the examination and licensing of engineers.

The fees for laboratory courses are named elsewhere. Students are held responsible for breakage and damage.

## **COURSE IN ELECTRICAL ENGINEERING**

### **First Year**

FALL TERM—College Algebra 4; Descriptive Geometry 3; English 3; Direct Currents 4; Mechanical Drawing 2; Shop, Wood-working; Station Practice 1.

WINTER TERM—Plane Trigonometry 4; Descriptive Geometry 3; English 3; Direct Currents 4; Mechanical Drawing 2; Shop, Wood-working; Station Practice 1.

SPRING TERM—Elementary Mechanics 4; Electrical and Magnetic Calculations 4; Steam Engineering 4; Wiring and Armature Winding 2; Mechanical Drawing 2; Shop, Wood-turning; Practice 1.

### **Second Year**

FALL TERM—Alternating Current Machinery 4; Gas Engines 3; Analytical Geometry 4; Dynamo Laboratory, Direct Current Machinery 4; Mechanical Drawing 1; Shop Work; Station Practice 1.

WINTER TERM—Commercial Law 3; Electrical Transmission of Power 4; Central Stations 3; Calculus 4; Mechanical Drawing 2; Shop Work; Station Practice 1.



**SPRING TERM**—Electrical measurements 4; Electric Railway 3; Integral Calculus 4; Surveying 4; Commercial Law 3; Mechanical Drawing 1; Shop Work; Field Work 1.

**DESCRIPTION OF COURSES**—The following is a brief statement of the nature of the major portion of the Course taught in this Department. The portion taught in other departments is described elsewhere.

**DRAWING (2)**—For the first year's work in Drawing and in Descriptive Geometry, see Civil Engineering Course. The fourth and fifth terms require first pencil sketches containing all measurements of such objects as pieces of laboratory apparatus, pieces of pipe containing a valve, an elbow and a union, a wheel, parts of machinery, head of polishing lathe, head stock of machine lathe, bench vise, sight feed lubricator, lathe chuck, etc. All the necessary views of details are drawn, then a complete assembly of these details is made on the drawing board and finished in proper form. The fifth term is a continuation of previous term, but requiring more complicated sketches and scale drawings. The sixth term includes station and switch-board designs.

**SHOP WORK (4)**—(1) Wood turning according to blue-prints, and also from original designs; planing, truing, and fitting in wood; mortising and tenanting; bracing, gluing, pinning and pattern-making; four hours a week in the shop.

(2) Iron turning, end truing, sandpapering, inside turning; machine thread cutting and fitting, splicing a shaft or bar; pipe cutting, threading and fitting by sleeves, elbows, unions, valves, etc.

(3) Bench work; sawing and filing brass, squaring, truing, fitting and soldering; construction of various useful devices; tapping, dieing, hand tool turning, and working to shape. General repair work in engine and boiler room. Electrical construction about the college building and dynamo laboratory.

**STATION PRACTICE (2)**—This comprises practice in the care and operation of all the machinery in the college, direct and alternating current station and the central heating plant. This is required to be done in the same manner as if the student



were fully responsible as the operating engineer. Six hours a week in the two stations, for two years. Other plants, such as those of the State Hospital for the Insane and the Athens Brick Company, are also utilized for the instruction of classes.

**DIRECT CURRENT MACHINERY (4)**—A study of the construction, theory, operation, and testing of the direct current dynamo, motors and other machinery. Franklin and Esty is used as a basis for this course.

**ELECTRICAL DESIGNING—WIRING AND ARMATURE WINDING (2)**—A course of lectures on the designs of electric circuits for various purposes, and also on the winding of various types of armatures; this is accompanied by individual work by each student in wiring, on the drawing board from measurements or floor plans, dwellings, college buildings, hotels, business blocks, etc., and in making estimates of all material for a complete installation; switch-boards are also designed for certain purposes by each student. Several armature models for ring and drum windings are used, and each student, by means of real formed copper coils and by colored cords, practices the various forms of winding, both direct and alternating, and then makes diagram drawings of the complete winding.

**ADVANCED PHYSICS (3)**—An advanced course in theoretical physics throughout the year. Hastings and Beach has been used, also Carhart's *University Physics*, Barker's *Physics*, Watson's *Text Book of Physics*, and Duff's *Text Book of Physics*. Among other references are Ganot's *Physics*, Voille's *Course de Physique*, and Muller-Pouillet's *Lehrbuch der Physik*.

**PHYSICAL LABORATORY (2)**—An advanced laboratory course of six hours a week to accompany the class work. References for this work are made to Ames and Bliss, Watson, Stewart and Gee, Ferry, Millikan, Miller, Nichols and others.

**DYNAMO LABORATORY (4)**—Course of eight hours a week in the dynamo laboratory in studying the characteristics, regulation and efficiency of direct current machinery. Also lectures once a week. Franklin and Esty are used as a text-book and laboratory guide.

ELECTRIC AND MAGNETIC CALCULATIONS (4)—This is a study of magnetic and electric laws through a large number of examples and original problems. Atkinson's *Electrical and Magnetic Calculations* is the text-book used.

ELECTRICAL MEASUREMENTS (4)—Two lectures a week in the theory, and six hours a week in the laboratory in the various methods of making electrical measurements of current, resistance, electro-motive force, capacity, inductance, etc. Carhart and Patterson is used as a text-book and laboratory guide.

STEAM ENGINEERING (4)—This course consists of a study of boilers, boiler settings, fittings, braced and stayed surfaces, properties of steam, combustion, chimney design, valves, engines—simple and compound, problems of pressure, power, indicators, governors, condensers, heaters, etc. Ripper, and *Power Catechism* are used in conjunction.

ADVANCED STEAM ENGINEERING (6)—This consists of three recitations a week, Ripper's *Steam Engineering*, advanced course, being used, and six hours in the laboratory, testing boilers for coal consumption, horse power and efficiency; calorific value of different fuels; per cent. moisture in steam, and effect of reducing; furnace, flue, and feed water temperatures, etc.

ALTERNATING CURRENT MACHINERY (4)—A study of the construction, operation, and theory of alternating current machinery. Franklin and Esty's *Alternating Currents* is used as text-book.

ALTERNATING AND POLYPHASE CURRENTS (4)—A more detailed study of the characteristics of alternating and polyphase currents; solution of problems; regulation for combined output; efficiency and losses; measurements of power; alternating current motors and their characteristics.

DYNAMO LABORATORY (4)—Lectures once a week, laboratory work six hours a week on the measurements of self and mutual inductances, capacity; E. M. F. and current curves of alternators and transformers; measurement of alternating and polyphase power. Various references are used, such as Jackson, Sheldon, Nichols, and others.

ELECTRIC DISTRIBUTION (4)—Various forms of circuits for

lighting, circuit devices, overhead, and underground forms of construction, the arc, arc lamps, incandescent lamps and circuits, carbonless lamps, etc., are studied. Second term in Franklin & Esty's text.

ELECTRIC MEASUREMENTS (2)—This is a six-hour laboratory course in the photometry, efficiency and life of incandescent and arc lamps; insulation and break-down tests of wire and cable insulation; also magnetic properties of various samples of iron and steel.

GAS ENGINES (3)—The fundamental principles of heat and thermodynamics; the gas laws; the construction, operation, and testing of gas and oil engines; their application in modern engineering practice are studied in the Fall Term.

ELECTRICAL TRANSMISSION OF POWER (4)—This is a study of the comparative merits of various methods for the transmission of power, and a detailed study of the electrical methods; the organization and development of hydraulic works; line construction; the commercial problem. Bell's *Power Transmission* is used.

ELECTRIC RAILWAY (3)—This course is a discussion of the general principles and practical aspects of the distribution of power for electric railways, and the modern methods of meeting the questions of complicated city systems, long interurban roads, and high speed undertakings. Ashe and Keiley is used for reference on equipment and modern methods of car braking and control.

CENTRAL STATIONS (4)—Lectures on the design, construction and testing of electrical generating stations, covering the boiler room, engine and generator room, pumps, condensers, heaters, paralleling, switchboards, and special apparatus. Koester is the reference used.

## PUBLIC SPEAKING

PROF. PIERCE

(All courses must be continued throughout the year.)

COURSE 1.—Oratory I., II., III.

The aim is to acquire a pure tone, strength and flexibility of

the voice, and a natural, easy manner of reading or speaking from the platform. Charts for correct pronunciation are made, miscellaneous selections studied, and parts committed which will be recited by the students before the class. Two hours.

Texts—"Choice Reading, Cumnock; "How to Gesture," Ott; "Mental Imagery," Scott.

COURSE 2.—Public Speaking I., II., III.

The masterpieces of modern oratory are first studied as models, then original orations are written and delivered from the platform. Extemporaneous speaking on subjects assigned in advance. The development of mental imagery in conjunction with which original descriptions of scenes are given by the student. Each member of the class is required to write and deliver three orations during the course. Three hours.

Text—"How to Speak in Public," Kleiser.

COURSE 3.—Argumentation. Winter and Spring terms I., II.

Study and principles of argumentation. Preparation of briefs, weekly practice in debates and written arguments. Three hours.

Elective for students who have completed courses I. or II.

Text—"Argumentation and Debating," Foster.

COURSE 4.—Literary Interpretation I., II., III.

This course covers the field of American Literature, selected authors are studied each week. The purpose of the course is to acquire the best possible expression—such as will reveal the thought and emotion—of these different writings. Two hours.

Course 4 must be preceded by Course 1 or an equivalent.

Texts—"Literary Interpretations," S. H. Clark; "Effective Speaking," Arthur E. Phillips.

COURSE 5.—Shakespeare I., II., III.

Shakespearean Plays, Bible and Hymn Reading. Critical study of four of Shakespeare's plays during the year. Expressional reading of principal scenes, and assigned passages are committed and recited. At the end of the year one of the plays will be given in costume by members of the class.

The study of Bible and Hymn reading will be taken up in

the course for the sake of impressiveness. The words and the text must not simply be seen, but felt. The subject matter must come into the mind as reality—truth. The motive of the reader is to secure acceptance, and the end is belief. Two hours.

Course 5 must be preceded by Course 1.

**COURSE 6.—Interpretative Reading I., II., III.**

This course is arranged especially for those who are fitting themselves for teachers. Correct emphasis in reading cannot be too highly commended, as it shows the intelligence of the reader and gives a certainty of meaning to the thought expressed.

It is a source of pleasure and culture to listen to the skillful reading of a book, newspaper articles, or passages in the Bible. Two hours.

**COURSE 7.—Expression.**

Advanced study of expression. The purpose of this course is to give more extensive preparation to those desiring to make a specialty of literary interpretation either for teaching or platform work.

Arrangements for this course can be made with the Head of the Department. The instruction will consist of private lessons, for which three hours' credit will be given.

Course 7 must be preceded by courses 1 and 2, or their equivalent.

## **ORATORICAL AND DEBATING ASSOCIATION**

The Oratorical Association is open to all students regularly enrolled for twelve or more hours' work per week.

The object is to promote a higher standard of literary excellence in this institution, through annual contests with other colleges and universities, in debate, oratory, and such other forms of literary discourse as may be decided upon by the Executive Council.

There are two preliminary contests in debate and two preliminary contests in oratory to determine who shall represent the



institution in inter-collegiate contests in debate and oration. The first preliminary contest is held in December of each year, and the second preliminary contest near the end of each Winter term.

For further information concerning contests, send for "Constitution of the Oratorical and Debating Association of Ohio University."

### DRAMATIC CLUB

A Dramatic Club, under the direction of Prof. Pierce, has been formed. Students are allowed to present one standard play each term of the school year. This is of great advantage to the pupils, as it brings out certain latent powers, develops the art of impersonation, acquaints the cast with stage terms and settings, and the art of costuming and making-up to represent the characters true to life. There is no better way of acquiring ease and freedom of manner on the platform.

### DRAWING AND PAINTING

MARIE LOUISE STAHL, *Instructor.*

The great importance of the study of drawing is coming to be recognized by our best educators. Dr. Denman Ross, of Harvard University, in his speech delivered at the dedication of the Rhode Island School of Design, said: "The arts first, pure learning and science afterward, then all together. That is the programme of the new education which is going to give us the wisdom of life with the power of art; the education which is going to teach us what to do and how to do it. Those who can go to college ought to acquire a very considerable training in the principle arts and knowledge of the best thought that has been put into them."

There is perhaps no other study that develops so many phases of man's nature as the study of art. It makes one think, observe, gives skill with the hand, creates a love for the beautiful in nature and in art; or, in other words, cultivates the aesthetic sense which has a direct moral influence and expresses itself in



our daily life. "What we like determines what we are, and is a sign of what we are, and to teach taste is inevitably to form character." The work in this Department is carried on as much as possible after the manner of our best Art Schools.

A thorough foundation in drawing is necessarily the basis for specializing in any phase of art work or artistic handicraft. The student begins with still-life and perspective drawing, and, as he advances, draws from the cast and the living model. Studies in composition are required from the more advanced students. Any individuality in the student is encouraged, and no fixed method is insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration—for which a kiln has been provided. Some knowledge of form proportion and mass of light and shade is necessary, through the study of charcoal drawing, before the student can begin to paint. To those desiring it, instruction in out-of-door work will be given, providing the pupils are sufficiently advanced. Students in the Engineering Department will vary the medium from charcoal to pencil and pen and ink.

The studio is well equipped. A number of the best art periodicals, as well as other works on art, and many photographs of the best things in architecture, painting, and sculpture, are kept in the studio, to which the students have access.

## SCHOOL OF COMMERCE

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### Faculty\*

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

CHARLES M. COPELAND, B. PED.,  
*Director and Professor of Accounting and Commercial Law.*

MABEL K. BROWN, PH. B.,  
*Instructor in Stenography.*

MINNIE FOSTER DEAN,  
*Instructor in Typewriting.*

GEORGE C. PARKS, PH. B.  
*Instructor in Commercial Branches.*

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were greatly benefited, and those who desired it have had no trouble in finding employment. But the greater part of the special students with meagre preparation were poorly equipped for a successful business career, even after they have made a good record in their commercial studies.

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\*The required works in English, Modern Languages, Economics, Mathematics, Science, and History will be taken in the regular University classes.

The result of this experience has been the establishment of a School of Commerce with two courses of study, each covering five years of required work, of which three years are preparatory and two collegiate, as outlined elsewhere in this catalogue.

Students in the School of Commerce have the same privileges in the University library, reading-room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail offices and the bank, in the office department, are models in arrangement, fixtures, and supplies. Here students receive the training that comes from filling the principal as well as the subordinate positions in such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier in the railroad office, they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper and manager; in the wholesale office, shipping clerk, bookkeeper and manager.

**ADMISSION**—Students wishing to take either of the courses in the School of Commerce will receive credit for whatever work they may have done elsewhere, provided they are able to present proper certificates from school authorities, or to pass a satisfactory examination upon entrance. Graduates of high schools having a four-year course of study will be admitted to the first collegiate year of either course without condition.

**DIPLOMAS AND COLLEGE CREDIT**—Diplomas will be granted to those who complete either course offered in the School of Commerce. Students in the regular courses of the University may take commercial branches as elective work in their courses. Students who have completed a course in the School of Commerce will be granted a degree upon their completion of the additional work leading to that degree.

**SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY**—Persons wishing to take only Bookkeeping and Stenography will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the University and Director of the School will be issued to students who com-

plete three terms of Accounting or Stenography and have credit for the English, History, and Civics required in the first preparatory year. A passing grade in Penmanship will be required of those who receive the certificate for Accounting.

**FEES**—All students pay a registration fee of \$6.00 per term. Besides this, there is an extra fee of \$5.00 per term, for Stenography and Typewriting. The fee for Typewriting alone is \$2.00 per term. The fee for the diploma is \$5.00, and for a certificate, \$1.50.

**POSITIONS**—The University does not guarantee positions to graduates in any course. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the School of Commerce has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship required in the average commercial school, its product is not in favor with progressive business men. A general culture, as well as a knowledge of commercial branches is demanded of those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

**COMMERCIAL TEACHERS**—High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial courses of this institution with a view to high school work. While pursuing this course they would have an excellent opportunity to study Methods in Teaching in the classes of the State Normal College of the University.

### Description of Work

Those studies in the courses which are not described below are outlined under the head of the department to which they belong.

**ACCOUNTING**—Five hours per week for two terms. Beginning classes are formed each term. Ample practice is given in the system of accounts used in the various kinds of business from retailing to modern banking. It is the aim of this course to give the student a wide acquaintance with business methods and to secure efficiency in opening and closing books, journalizing, rendering statements, tracing errors, analyzing accounts, and drawing business papers.

**OFFICE PRACTICE AND BANKING**—Five hours per week for one term and open to students who have taken Accounting. This work is on the inter-collegiate communication plan, and the transactions are with students of other colleges. The business correspondence growing out of purchases, sales, remittances, collections, making statements, and adjusting accounts, carried on with a number of advanced students in other cities, each one anxious to maintain a good record for his school, must certainly develop a high grade of efficiency in all the student's work.

**COMMERCIAL LAW**—Three hours per week in the Winter and Spring Terms. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales, and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers.

**CORPORATION ACCOUNTING**—Three hours per week in the Fall term and open to students who have had the Accounting outlined above.

**CORPORATION AND TRUST FINANCE**—Three hours per week in the Winter term and open to those who have had Corporation Accounting. This course deals mainly with the promotion, financing, and management of the larger business organizations.

**ACCOUNTING PROBLEMS AND SYSTEMS**—Three hours per week in the Spring term and open to those who have had a year of Accounting. In this course systems for various businesses will be devised, criticised, and compared, and the principles of accounting will be applied to the solution of a number of difficult problems.

**COMMERCIAL SEMINAR**—One hour per week throughout the year and open to students who have had Accounting and Commercial Law. *The Bankers' Magazine, Journal of Accountancy, Business World*, and articles on commercial subjects in other magazines will form the basis of this work.

**MONEY AND BANKING**—Three hours per week in the Spring term. This course consists of a study of the origin, use, and history of money as a medium of exchange with special reference to the financial history of the United States. It includes a study of the history, utility and functions of banks, and particularly of those governed by the National Banking Act.

**COMMERCIAL GEOGRAPHY**—Four hours per week in the Winter term. The rapid expansion of our domestic and foreign commerce has made it necessary for the modern business man to inform himself as to the various natural and manufactured products which are bought and sold in the world's markets.

In this work a study is made of commercial conditions as they are found in various parts of the world as a result of certain physical and political influences, of the products of man's industries and commerce, and of the conditions of interdependence existing among different parts of the civilized world.

**STENOGRAPHY**—Students who wish to fit themselves for amenuensis work can do so by taking the first three terms of Stenography and Typewriting outlined in the Teachers' Course. It is possible for students of exceptional ability and industry to fit themselves for office positions with the first two terms of the course, although it is not recommended that they do so.

Thoroughness is emphasized in all the instruction. From the sixth week the student takes dictation for a period a day from the phonograph. This part of the course prepares students to



take from dictation different forms of commercial correspondence and legal papers, including contracts, conveyances, wills, and a variety of court pleadings. The notes are transcribed on the typewriter, and no work is accepted that does not come up to a high standard of accuracy and neatness.

The second year of the course is intended to prepare students to teach Stenography. After a careful review of the subject, with emphasis laid on the principles of outline formation, the student is drilled in advance methods of writing. A much higher speed is required and the matter dictated is of a difficult character. During the last term students are given the opportunity to become acquainted with another system of Stenography. Beginning classes are formed each term.

TYPEWRITING—The student's first efforts are directed to acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. After acquiring a sufficient mastery of the keyboard, students have daily drill in writing from the dictation of the phonograph, a practice that develops in the highest degree both speed and accuracy. Throughout the entire course of ten months daily supervision is given each student's work. All kinds of commercial and legal forms are studied, and each student is given a thorough training in general office practice, such as the use of the letter-press and carbon for record, the use of carbon and the mimeograph for manifolding, and the operation of the tabulator for billing and condensed charging. During the second and third terms a systematic study is made of punctuating and commercial correspondence, for which a credit of two hours per week is given.

The typewriter room is amply supplied with new standard machines and tabulators, and is equipped with mimeograph, letter-press, electric phonograph, and all modern, up-to-date office appliances pertaining to this work.

Beginning classes are formed each term.

PENMANSHIP—Students in the Commercial Course who do not write a good hand are required to take regular instruction. The modern business man demands of his bookkeeper or clerk

the ability to write rapidly and legibly. Movement is the foundation of Penmanship.

The constant aim in all exercises given is to develop plain writing with an easy, rapid movement.

## COMMERCIAL COURSE

### First Year

FALL TERM—U. S. History (5), Composition and Rhetoric (5), Arithmetic (5), Physical Geography (3).

WINTER TERM—U. S. History (5), Composition and Rhetoric (5), Arithmetic (5), Physical Geography (2).

SPRING TERM—Civics (5), English Classics (5), Algebra (5), Arithmetic (5).

### Second Year

FALL TERM—Algebra (5), General History (5), English Classics (5), Free-hand Drawing (2).

WINTER TERM—Algebra (5), General History (5), English Classics (5), Commercial Geography (4).

SPRING TERM—Algebra (5), General History (5), English Classics (5), Free-hand Drawing (2).

### Third Year

FALL TERM—Physiology (5), English Classics (5), Elementary Physics (5), Plane Geometry (5).

WINTER TERM—Elementary Botany (5), English Classics (5), Elementary Physics (5), Plane Geometry (5).

SPRING TERM—Elementary Botany (5), Advanced Rhetoric (5), Elementary Physics (5), Solid Geometry (5).

## COLLEGIATE

## FIRST YEAR

## First Term

Accounting .....	(5)
American History .....	(4)
A Modern Language or Stenography .....	(5)
Mechanical Drawing, Let- tering .....	(2)

## Second Term

Accounting .....	(5)
American History .....	(4)
Commercial Law .....	(3)
A Modern Language or Stenography .....	(5)

## Third Term

Office Practice .....	(5)
American History .....	(4)
Commercial Law .....	(3)
A Modern Language or Stenography .....	(5)

## SECOND YEAR

## First Term

Corporation Accounting .....	(3)
College Rhetoric .....	(3)
Political Economy .....	(2)
Ethics .....	(3)
A Modern Language .....	(4)
Commercial Seminar .....	(1)

## Second Term

Corporation and Trust Finance .....	(3)
English .....	(4)
Sociology .....	(3)
Political Economy .....	(2)
A Modern Language .....	(4)
Commercial Seminar .....	(1)

## Third Term

Office Practice .....	(2)
Money and Banking .....	(3)
Accounting Problems and Systems .....	(3)
English .....	(3)
A Modern Language .....	(4)
Seminar .....	(1)

## TEACHERS' COURSE IN STENOGRAPHY

## FIRST YEAR

## First Term

Stenography .....	(5)
Typewriting .....	(4)
College English .....	(3)
American History .....	(4)
Elective .....	(3)

## Second Term

Stenography .....	(5)
Typewriting .....	(2)
College English .....	(3)
American History .....	(4)
Elective .....	(3)

## Third Term

Stenography .....	(5)
Typewriting .....	(2)
College English .....	(3)
American History .....	(4)
Elective .....	(3)

## SECOND YEAR

## First Term

Stenography .....	(4)
College Rhetoric .....	(3)
Introductory Psychology .....	(5)
Elective .....	(5)

## Second Term

Stenography .....	(4)
Introduction to Principles of Education .....	(3)
Amanuensis Work .....	(2)
College English .....	(3)
Elective .....	(5)

## Third Term

Stenography .....	(4)
Introduction to Principles of Education .....	(3)
Amanuensis Work .....	(2)
College English .....	(3)
Elective .....	(5)

Substitutions in the above courses may be made upon the consent of the Faculty.

## COLLEGE OF MUSIC

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Faculty

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

PROFESSOR JAMES PRYOR MCVEY, DIRECTOR.  
*Voice, Piano, and Organ.*

MARGARET EDITH JONES, MUS. B.,  
*Piano and Harmony.*

NELLIE H. VAN VORHES,  
*Piano and Virgil Clavier.*

HEDWIG THEOBALD,  
*Voice.*

PAULINE A. STEWART,  
*Voice and History of Music.*

MARY L. B. CHAPPELEAR, A. B.,  
*Piano.*

JOHN N. HIZEY,  
*Violin.*

MABEL B. SWEET,  
*Instructor in Public School Music.*

This being a College of the University, its students are given the opportunity to acquire a liberal education, which is necessary for the complete rounding of a musical course. Too much stress cannot be laid upon the advantage of intimate association with a great seat of learning, having its libraries, laboratories, lectures, and classes in all the varied departments of liberal education.

## COURSES OF STUDY

### Elementary Work

Children should have instruction as early as possible, that they may cultivate the talent with which they are naturally endowed. The instruction should be the best, since without a good foundation no artistic excellence is possible. Even in the elementary department the pupils appear early in recitals, thus acquiring ease and precision.

### Preparatory Work

Technique is carefully studied. Taste and style are cultivated and the student is taught to grasp intelligently the composition and ideal of the composer.

### Normal and Artist Department

For those who expect to teach and those who expect to do concert or other professional work, the opportunities offered are excellent. Students of the College of Music have already gone into the different professional fields and have met with success born only of faithful study and excellent training. Special illustrated lectures on the art of teaching are given, and students from the different departments are chosen to appear before the normal classes.

The sight-singing and chorus classes give helpful training to those who expect to take up choir work or to teach music in the public schools. The frequent students' recitals and concerts, the oratorio or opera given by the College, afford ample opportunity for those who expect to become professional artists.

### Course in Piano

GRADE 1—Theory of technic, simple exercises; little studies by Kohler, Gurlitt, Czerny, Loeschorn; elementary pieces by Clementi, Mozart, Gurlitt and others.

GRADE 2—Czerny's School of Velocity, studies by Duvernoy, Heller, Loeschorn; sonatinas of Mozart, Clementi, Kuhlman; pieces of Reinecke, Gurlitt, Heller, and Schumann.

GRADE 3—Loeschorn studies, Op. 67; Czerny School of Velocity; Bach's Inventions (two-voice); Trill Studies of Krause; Octave Studies by Jean Vogt or Kullak; Easier Studies of Cramer; Sonatas of Haydn, Mozart, Beethoven; pieces by Lack, Godard, Chaminade.

GRADE 4—Studies by Cramer; Octave Studies of Wolff; Daily Studies, Czerny; Bach Inventions (three-voice); Sonatas, Mozart, Dussek, Beethoven; Selections from Mendelssohn, Chopin, Schubert, Schumann, Raff, Scharwenka, Godard, Chaminade, Leschetizky, Tchaikovsky, and others.

GRADE 5—Clementi's *Gradus ad Parnassum*, Tausig's daily exercises, Mason's *Touch and Technic*, Bach's *Well-tempered Clavichord*, Chopin Studies, Henselt Studies, Sonatas of Beethoven; Liszt's *Rhapsodies*; Composition of Mendelssohn, Moscheles, Chopin, Rubenstein, Raff, and others.

### Course in Vocal Culture

Individual voices differ so widely in their needs that this course can be indicated only in a general way.

GRADE 1—Lessons in breathing, voice placing, intervals, exercises for blending registers, tone-production (continued throughout the course as needed); Studies by Concone, Vaccai, and others; easy songs by American, English, and German composers.

GRADE 2—Intervals with portamento, scales, arpeggio, solfeggio; Studies in Concone, Marchesi, English Ballads, Mendelssohn's Songs, Sacred Songs.

GRADE 3—Scale, arpeggio, turns and trills in more rapid tempo, vocalises of Concone, Marchesi, English, German, French, and Italian songs; more difficult church music.

GRADE 4—Major and minor scales, chromatic scales, Concone's *Fifteen Vocalises*, recitative and aria, German, French



and Italian Opera, easier oratoria arias; more difficult songs of Schubert, Schumann, Greig, Jensen, Liszt, Lassen, Brahms, and others.

GRADE 5—Bravura and Caloratura singing; difficult concert songs; complete opera and oratorio with traditional rendering; special study of Creation, Redemption, Elijah, Messiah, and the Passion Music of Bach.

Students of voice expecting certificates must know enough of piano to play simple accompaniments.

SPECIAL NOTICE—A well-planned, thorough course in Public School Music is offered. See descriptive statement connected with the State Normal College.

### Pipe Organ Course

Students of organ must have had at least one year's work in piano.

GRADE 1—Stainer's Organ Primer, Merkel's Organ School, Rink's Second Book; Hymn Playing, Transposition; Theory.

GRADE 2—Dudley Buck's Studies in Pedal Phrasing, Rink's Third Book; easier church anthems, accompaniments; Harmony.

GRADE 3—Lemmon Organ School, Part 1, Rink's Fourth Book; pieces by Batiste, Wely, Widor, West, Guilmant, and others; counterpoint.

GRADE 4—Rink's Fourth Book, Mendelssohn's organ sonatas, Bach's Fugues; accompaniments and Masses, oratorios, etc.; Counterpoint, Canon, and Fugue.

### Course in Violin

GRADE 1—Hermann Method—Book I, Kayser—thirty-six progressive studies, Op. 20, (Nos. 1 to 18), Easy pieces by Dancs, Papani, Bohm, Hermann, etc.

GRADE 2—Hermann Method—Book 2, Schradieck—Finger Exercises, Kayser—thirty-six progressive studies Op. 20, (Nos. 19 to 36), Mazas Etudes Op. 36. Selected pieces for violin and piano.

GRADE 3—Schradiack—Scales, Kreutzer—Etudes, Florillo—Etudes, Concertos by Rhode, De Beriot, Solos by Alard, Rode, etc.

GRADE 4—Schradiack—Chord studies and double stops, Rode—twenty-four Caprices, Alard—twenty-four Caprices, Op. 11, Concertos and solos by Rhode, Viotti, De Beriot, etc.

GRADE 5—Bach's Sonatas for violin solo, Schradiack—twenty-four studies, Op. 1. Dont Gradus ad Pernassun Etudes et Caprices Op. 15, Solos by Wieniawski, Vieuxtemps, etc.

### Harmony and Composition

The completion of this course is required of all who expect a certificate in piano, voice, or violin. Text-books will be at teacher's discretion.

GRADE 1—Intervals, definitions, scales, chords in all keys, formation of the chord of the Seventh, resolution of the dominant seventh in all keys, harmonizing given basses, writing from sound, diminished sevenths, resolutions, augmented chords.

GRADE 2—Modulation, suspensions, writing from sound continued, open harmony, passing notes.

GRADE 3—Harmonizing melodies, practical harmony, improvisation, single and double chants.

GRADE 4—Chorals, harmonizing a given soprano, alto, tenor, and bass. Harmony in more than four parts.

A choral club meets once a week for the study of oratorio and opera.

A class in sight singing meets daily.

Students' recitals are given every two weeks, all the students in turn appearing, at the discretion of the teachers.

Examinations are held at the beginning of each term for admission to the college orchestra.

### Languages

No vocalist is properly prepared for his work who is not able to sing in German and French as well as in English. In this

particular the advantages of this school are superior to those of any similar school of music, the University course in these tongues being open to all. Instruction is given also in the pronunciation of Spanish, Hebrew (for Synagogue singing), Latin (for Catholic church music), and Italian.

### **Band and Orchestra Instruments**

Instruction can be had in cornet, clarinet, mandolin, guitar, etc., if desired.

### **Expenses, Including Registration Fee**

Piano Lessons (two per week) elementary grades.....	\$13 00
Piano     "                 "                 advanced grades.....	16 00
Voice     "                 "                 .....	16 00
Violin    "                 "                 .....	16 00
Organ     "                 "                 .....	16 00
Rent of piano, one hour per day for each term.....	2 00
Rent of organ, one hour per day for each week.....	50

Students of the College of Music who have paid the regular registration fee of \$6.00 are entitled to pursue other regular college work without paying additional fees.

Every student is under the rules of the University and can profit by its advantages.

THE STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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FACULTY\*

ALSTON ELLIS, PH. D., LL. D.,  
*President.*

HENRY G. WILLIAMS, A. M., PED. D.,  
*Dean of the State Normal College and Professor of School  
Administration.*

FREDERICK TREUDLEY, A. M.,  
*Professor of Philosophy and Sociology.*

OSCAR CHRISMAN, A. M., PH. D.,  
*Professor of Paidology and Psychology.*

WILLIS L. GARD, A. M., PH. D.,  
*Professor of the History and Principles of Education.*

EDSON M. MILLS, A. M., PH. M.,  
*Professor of Mathematics.*

WILLIAM FRANKLIN COPELAND, PH. M., PH. D.,  
*Professor of Elementary School Science.*

HIRAM ROY WILSON, A. M.,  
*Professor of English.*

THOMAS N. HOOVER, A. B., A. M.,  
*Professor of History.*

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\*The instructors named above teach principally in Normal-College classes. Members of the University Faculty have work, in the Normal College, of a nature indicated by the University Departments with which they are connected.

MARY ELLEN MOORE, A. B.,  
*Instructor in Latin.*

EMMA S. WAITE,  
*Principal of Training School.*

MARY JUNIATA BRISON, B. S.,  
*Instructor in Drawing and Hand-Work.*

MABEL B. SWEET,  
*Instructor in Public-School Music.*

ELIZABETH MUSGRAVE, AMY M. WEIHR, PH. M., B. PED., ELSIE  
S. GREATHEAD, WINIFRED L. WILLIAMS, MARGARET A.  
DAVIS, CORA E. BAILEY, B. PED., AND  
LAURA G. SMITH,  
*Critic Teachers.*

CONSTANCE TRUMAN MCLEOD, A. B.,  
*Instructor in Kindergarten Education and Principal of the  
Kindergarten School.*

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## TRAINING FOR TEACHING AT OHIO UNIVERSITY

Ever since 1886, the Ohio University has made provision for the training of teachers in its Normal Department. This owes its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department, and its special work was entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advanced*," and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of Ohio, March 12, 1902, H. B. No. 369—Mr. Seese—became a law.

The State Normal College of Ohio University owes its existence to a provision of this Act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Section 4, of an Act of the Legislature, dated April 16, 1906, creates a special fund for the support of "the State Normal School or College in connection with the Ohio University." This fund is derived from a mill tax of one and one-half one-hundredths (.015) of one mill upon each dollar of all the taxable property in Ohio. The annual income thus derived amounts to about \$35,000.

The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact, the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching. At present, in Ohio, there are twelve times as many teachers employed in elementary schools as in high schools. Important as is the work of the high-school teacher, that of the elementary or primary teacher is, admittedly, more so. The latter work is fundamental, and upon its character depend in large measure the breadth, depth and ultimate value of much of the work of the secondary school. Then, too, it must be kept in mind that by far the greater number of those enjoying public school advantages never, as pupils, see the inside of a high school. These considerations suggest that normal-school work should, first of all, be planned to meet the wants of those preparing for service in the elementary schools. The higher grades of academic and professional training will follow, in any right-ordered, well-rounded scheme of normal-school organization, as a matter of course.



## THE FUNCTION OF THE NORMAL SCHOOL

In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is very essential in the equipment of a man or woman trained for the school-room.

Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that furnishes the equipment that makes a man a physician rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also by making statutory requirements of those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named. Before a man is permitted to extract your teeth he is required to produce evidence of professional fitness, and that evidence must have state recognition. It is not so with those who pretend to teach. Not even a high school graduation is required by the laws of this state. There is absolutely no restriction as to scholarship, age, or special fitness, except as found in the judgment of the county or city examiner. Why should the training of the common school or the high school bring a person nearer the threshold of one profession than that of another? If teaching is ever to become a

profession the need of this special training must be recognized. Teaching is such a difficult, complex, and ever-changing process that more skill is required to teach a growing child as he should be taught, than to try a case before the bar of justice. To unfold the possibilities of a child's soul is a more delicate matter than the compounding of medicines or the use of the surgeon's knife. To unfold the senses, train the intellect, and direct the will of the child requires more discipline of mind and a greater breadth of view than to preach a sermon.

Approximately 26,000 teachers are necessary to supply the public schools of Ohio, 24,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. This means that an equal number of teachers leave the work of teaching each year. Various causes may be given for this constant changing in the personnel of the great body of teachers. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year, armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal school graduates. Not a large percentage are graduates of high schools. These new teachers are usually young people, who by their own efforts, unaided or misguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

Although high schools are multiplying rapidly and are growing more and more efficient year by year, yet many of these young people have never had the opportunity of high-school training. Besides, a knowledge of high-school subjects is not required of the applicant who seeks admission to the examina-

tion for a teacher's certificate. Therefore, high-school graduation cannot wisely be made the standard of admission to our State Normal Schools so long as the laws governing the certification of teachers remain as they are at present. The state cannot wisely close her doors against these young people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them. The law establishing these State Normal Schools says that they shall "provide theoretical and practical training for *all* students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or as those having only equivalent education, are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the three-year preparatory course leading to the regular two-year college course in Elementary Education, found elsewhere in this catalogue. Attention is also called to the fact that persons holding a teacher's certificate may complete this course in two years or less. Teachers of much experience may enter the two-year course and be conditioned on preparatory work.

Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not necessarily all professional, so called. The school that can combine these two essentials in the teacher's preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found. Each of the courses offers a collegiate training in academic and culture studies in addition to the training along distinctively professional lines. All studies in

the several courses in the College of Liberal Arts are now open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course. No one need fear that the instruction in the State Normal College will be in any sense inferior to the best instruction given in the University, as Normal College students are taught in the same classes by the same professors, and have access to all the privileges of the University.

But there are now engaged in the schools of Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spend years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the state and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their doors to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University, where they will be carefully guided in the selection of such studies as will make them more efficient. Our duty in this matter is plain.

The attention of prospective students is invited to the several courses of study, in the State Normal College, found elsewhere in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses of study as will best fit the local conditions, touching the needs of the great mass of the teachers, existing in Ohio.

The three-year course in Elementary Education is designed for those who have less education than that obtainable in a high school of the first grade, under statutory classification. Students are admitted to that year or class in this course for which

their previous attainments qualify them. Persons who hold any grade of teacher's certificate will be excused from the work in the common branches in the first year of this course.

The two-year college course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Both courses in Elementary Education lead to a diploma from the Normal College.

*The four-year courses in Secondary Education are the equals in scholastic requirements of any other courses in the University.*

### **COURSES OF STUDY IN THE STATE NORMAL COLLEGE**

**FOR TEACHERS OF COUNTRY SCHOOLS**—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal School authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. It is also true the majority of teachers employed in the rural schools have not had educational advantages of an academic character equal to those of the town and city schools. These two facts make a double handicap for many country teachers. The State Normal School at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Schools as are the people in the cities. These schools belong to all the people of Ohio, and the special training offered to prepare teachers to return to these country schools as teachers possessing a high-grade efficiency is given with a full knowledge of the needs of such teachers and of the conditions prevailing in the country schools. The reason so many of the graduates and trained students of the State Normal College do not return to the country schools is because the towns and cities outbid the township boards of Education and pay often from \$100 to \$400 a year more than the townships will pay for the same instruction. Sometimes this is due to the fact that the townships cannot pay more. In such a case



it is the plain duty of the state to aid such township, making it possible for it to secure the services of trained teachers. It has just as much right to them as the cities.

Frequently, however, the fault is with the township board or the people, who see no difference in teachers, but who will pay inexperienced, untrained teachers as much as they are willing to offer to trained and experienced teachers. A higher ideal of the work of the teacher is needed.

But the State Normal College offers special training in all so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Almost every teacher and professor in charge of the work in the State Normal College has had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. Besides, it is one of the cardinal principles of the State Normal School to make constant study of rural school conditions in Ohio.

Courses are given in Orthography, Reading, Penmanship, Arithmetic, Grammar, Language Lessons, United States History, Civil Government, Geography, Physical Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, the Course of Study, Nature Study, Elementary Agriculture, and everything that a progressive country school needs. Special emphasis is placed upon the problems of country school organization and management. There is no teacher of the country school who could not be greatly helped and encouraged by attending even a single term at the State Normal School at Athens. Students may enter at any time, study whatever they wish if they are qualified to enter the classes, and no entrance examinations are required. The dean of the Normal College will confer with students and advise them as to the studies they should pursue, but all assignments are made wholly in the interests of the student.

Students who complete this three-year course for rural teach-



ers will be given a State Normal School certificate, showing the degree of efficiency attained. Additional studies will entitle the same students to graduation from the course in Elementary Education, for which a State Normal College diploma is granted. This course for country teachers is for students who have not had the advantage of a high school course, but who come from the common schools, possessed with ambition to win success in the teaching profession.

FOR GRADE TEACHERS—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities, two courses are offered. For those who are graduates of good high schools, a two-year college course is offered, covering advanced reviews of all the common branches, each pursued in the light of the best methods of teaching the subject in the grades (by “grades” is meant the elementary school—all the work below the high school, usually divided into eight grades, or years); courses in Principles of Education, both Primary and Grammar Grade Methods, School Management, Training in Teaching, Paidology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, etc., but no foreign language is required in this course. It covers two years, and each graduate from this course is given a State Normal College diploma. This diploma represents as much scholarship and training as graduation from any one of the half score of highest grade state normal schools in the United States. In nearly every state such a diploma is recognized as a life diploma to teach, or at least as a state certificate to teach, and the time cannot be far distant when Ohio must so recognize the products of her own schools.

The other courses for those who seek to teach in the graded schools of towns or cities is similar to the one above described, except that it does not require graduation from high school. Those who do not hold four-year high school diplomas are required to complete the State Normal School preparatory course, by pursuing such studies there marked out as they have not completed before entering the State Normal School. The completion of this course admits the student to the two-year Normal

College course, the same as graduation from a high school of the First Grade.

**FOR HIGH SCHOOL TEACHERS**—The course for high school teachers is a full four-year college course, and graduates are granted the degree of Bachelor of Pedagogy, the full equivalent in scholarship and literary culture of any bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics, Latin, German, Greek, or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. Here is where most schools fail in the training of high school teachers. The Report of the Committee of Seventeen, on the Professional Preparation of Secondary Teachers, issued in 1908, strongly emphasizes the importance of training in observation and practice on the part of all who would teach in our high schools. It is not enough that such teachers shall know Latin and Greek and geometry and everything else they undertake to teach, but these same teachers need to be *trained to teach* these subjects. A knowledge of subject matter alone will not make a teacher of its possessor. Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the class-room. For years we have emphasized the importance of the training of the elementary teacher, but have continued to accept the inexperienced, untrained college graduate as the high school teacher. As a result there is more poor teaching done today in the high schools than in the grades of the same town or city. We need *trained* high school teachers.

Ohio University and State Normal College have a State Preparatory School for the instruction of those who have not completed a four-year high school course, and skilled teachers, near-

ly all of them heads of college departments, do the teaching here—in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, German, Greek, Physics, and all other secondary school subjects. Students in the State Normal College who are pursuing either the course for high school teachers or the course for superintendents are not only *permitted* to teach in these secondary subjects, but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching. A teacher in training for high school work must show proficiency to a high degree in teaching at least one high school subject before a diploma will be granted.

Such training is invaluable, and a school that cannot offer thorough training of this nature is not fully equipped to train teachers for the high schools.

**COURSE FOR SUPERINTENDENTS**—Special attention is called to the four-year college course for superintendents and principals. It is similar to the course for high school teachers, but its chief differentiation lies in the broader training in methods, courses of study and administration. Those who pursue this course are not required to spend three years in specialization on one subject. In each of these four-year courses three-fifths of the entire course is required and two-fifths may be made up of collegiate subjects selected by the student. In this way a student may pursue as electives the required subjects for the A. B. degree, and by a little extra effort secure both degrees.

**FOR COLLEGE GRADUATES**—Graduates of reputable colleges may pursue a course of one year in length and receive the degree of Bachelor of Pedagogy. All the work of this course is of a professional nature, and is well adapted to meet the needs of those who desire to teach in the elementary schools or high schools or to serve as superintendents, due to the fact that all the work of this course is elective, the subjects to be chosen from groups of subjects offered. In this way a college graduate may specialize in any line or lines of work desired.

**COURSE FOR RURAL TEACHERS**—Special attention is called to the course for students preparing to teach in rural schools.

The opportunities in this direction are unexcelled, and teachers and prospective teachers will find this course most satisfactorily planned to meet their needs.

**COURSES FOR PRIMARY TEACHERS**—Very frequently a teacher desires to make special preparation for work in the First Grade, or D Primary. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 115 hours of teaching, take a special course in Kindergarten Methods, do special work in the matter of lesson-planning for the First Grade, and devote special attention to Nature Study, Language, Music, Drawing, etc., to fit them for positions as Special Primary Supervisors. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teacher will be confined to the Primary Grades in the Training School. Those who desire to make special preparation for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grades of the Training School.

**THE KINDERGARTEN**—Special attention is directed to the fact that the State Normal College has opened a first-class Kindergarten, under the skilled direction and teaching of a specialist of much experience, who not only teaches the Kindergarten, but trains prospective kindergartners. This is the only State Kindergarten in Ohio, and this addition to the already wide-range course of instruction in the State Normal College comes in answer to a demand for a course of instruction that would prepare young ladies for positions as kindergarten teachers, as the kindergarten is now a part of the public school system of Ohio, and all boards may make a special levy for the support of kindergartens.

**NEW DEPARTMENT OF ELEMENTARY SCHOOL SCIENCE**—It is with peculiar pleasure that the State Normal College announces as a new department that of Elementary School Science, consisting of courses in Elementary Agriculture, Nature Study, Geography, Physical Geography, and Biology and Physics for the Elementary School. A specialist of broad and practical

experience has been employed, a fine laboratory has been equipped, and opportunities are here offered that are not excelled in any state normal school in this country.

**THE TRAINING SCHOOL**—The very center of a normal school is its Training School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training School. This Training School now covers work in the Kindergarten, the Primary Grades, the Grammar Grades, and the High School—the full range of teaching in public schools. This Training School consists of well-graded and closely-articulated schools covering the Kindergarten School and all the primary and grammar grades, followed by the State Preparatory School for High School practice. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training School. During the first year of the student's training the Training School is used as an observation or Model School, in which the teaching is all done by the Critic Teachers, who are trained teachers regularly in charge of each room. During this first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

A similar plan is followed by those who are training for high-school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German, History, and other secondary school subjects. Before graduation



each candidate for a degree must teach one or more of these subjects not less than 115 hours, or lessons, and this teaching must be of such character as will be accepted by the college authorities.

## DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR WILLIAMS.

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses may be briefly outlined as follows:

### 1. School Administration and School Law

This is a three-hour course for one term, and includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2) School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene, including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law. Dutton and Snedden's "Administration of Public Education in the United States" is made the basis of this course. Much of the work, however, is in the form of a library and lecture course. Fall term, three hours.



## 2. The Elementary Course of Study

In this course of three hours for one term the great problem is to know how to shape the school to conform to the child's mental nature, how to adjust the work of the school so as to give the child at all times the amount and kind of work needed at various stages of his development, and how to determine what is of most worth in a course of study. The aim is to point out great underlying principles determining educational values, to discover the fundamental principles determining the content and order of a course of study, to discover the constant but ever-varying relation existing between what the child studies and what he is, to indicate to the teacher the positive and fixed necessity of constant articulation in the subject matter in a course of study. It is also the aim to familiarize the teacher with laws external to the course of study itself, determining what the course shall be, such as the demands of society and the laws of the child's mental development, each indicating certain lines of necessary deflection from the direction which a knowledge of the nature of the subject matter alone would indicate to the teacher. The course also includes a study of the order of subjects, concentration and correlation of subject matter, the daily program of work, the recitation, and a detailed study of the principles involved in the construction of a course of study for a school or a system of schools. In this last study the student is taken over the details of the Elementary Course of Study, and courses in Arithmetic, Language, History, Geography, and Science are written under the direction of the instructor.

The texts used as a basis in this work are Dr. Charles McMurry's "*Course of Study for Elementary Schools*," and Williams's "*Course of Study for Ohio Schools*." Fall term, three hours. May be elected by students pursuing any course if they have already taken at least one term of Psychology and are sufficiently advanced in other studies.

## 3. Secondary Course of Study

This course will inquire into the principles governing the se-

lection of subjects for the Secondary Course, the order of presentation of these subjects, the purposes of secondary school training, the relation of the secondary school to the elementary school on the one hand, and the college and the technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will receive careful study from the pedagogical viewpoint.

The texts used are DeGarmo's "*Principles of Secondary Education*," "*Report of the Committee of Ten*," and "*Report of the Committee of Seventeen on the Professional Training of High School Teachers*.".. Winter term, three hours. Required of all students pursuing either course leading to the degree of Bachelor of Pedagogy, and may be elected by Juniors and Seniors in other courses.

#### 4. Supervision and Criticism

This is a three-year elective, except in the Course for Superintendents and Principals, and is given during the Spring term, and occasionally repeated in the Summer term. The purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision certainly no course in the Normal College could be more valuable.

This course is wholly a library and lecture course, and the student is referred to important papers and addresses in the N. E. A. Reports, Magazines, etc. Spring term, three hours.

#### 5. School Management and School Law

This course is a Freshman study, in all courses offered in the State Normal College, and may be taken as an elective in any other collegiate course. The aim is to give the student a knowledge of the principles underlying successful school management and discipline, and to acquaint him with

the best practices of the best teachers. The organization of the school, classifications and promotions, discipline in and out of school, relation of the teacher and the school to the community, current educational reforms, the course of study, and school law, are some of the larger subjects considered. Dutton's "*School Management*" is the text used, but many of the subjects are studied topically from other standard works on the subject. Spring term, three hours.

## DEPARTMENT OF THE HISTORY AND PRINCIPLES OF EDUCATION

PROFESSOR GARD.

The work of the Department is four-fold. It traces the development of educational standards and institutions, sets forth essential features of the leading systems of modern education, examines the fundamental principles of the educative process, and applies these principles to the teaching of the various subjects.

1. THEORY AND PRACTICE OF TEACHING—In this course the student is introduced to the most essential problems of the teaching process. Special attention is given to the needs of teachers in the rural and ungraded schools. Open to all students. Five recitations a week. Spring term. Sixty preparatory hours' credit.

## COURSES IN ELEMENTARY EDUCATION

2. PRINCIPLES OF TEACHING—The aim of this course is to study the practical and scientific aspects of teaching. The principles of teaching are based upon the laws of genetic and dynamic psychology. A great deal of the time is devoted to the consideration of practical exercises illustrating the scientific principles. Open to students who have credit for one term of psychology or an equivalent. Three recitations a week. Winter term. Thirty-three collegiate hours' credit.

3. METHODS OF INSTRUCTION—THE RECITATION AND READING—In discussing the method of the recitation particular attention is given to the “formal steps” and to the different types of lessons. The most advanced systems of teaching reading in all grades are considered, with special attention to the psychological processes involved in learning to read the printed page. Open to students who have credit for *course two* or an equivalent. Three recitations a week. Spring term. Thirty-six collegiate hours’ credit.

4. METHODS OF INSTRUCTION—LANGUAGE, GEOGRAPHY, AND HISTORY—The fundamental principles of teaching language, geography, and history are considered in this course. In language a study is made of the linguistic development of the child as a basis for language teaching. Special attention is given to the correlation of the three subjects, and to the most economic methods of presenting the subject-matter. Open to students who have credit for *course two* or an equivalent. Four recitations a week. Fall term. Sixty collegiate hours’ credit.

5. METHODS OF INSTRUCTION—ARITHMETIC AND THE MANUAL ARTS—Certain great principles of teaching arithmetic are worked out and illustrated. Following this the teaching of the subject grade by grade is studied. Attention is also given to the fundamental principles involved in the teaching of writing, drawing, and manual training. Open to students who have credit for *course two* or an equivalent. Four recitations a week. Winter term. Forty-four collegiate hours’ credit.

6. HISTORY OF ELEMENTARY EDUCATION—A study is made of the educational tendencies since the time of Comenius. Special attention is given to the modification of method and the content of education as influenced by the changing conceptions of life. Open to Sophomores. Four recitations a week. Spring term. Forty-eight collegiate hours’ credit.

### COURSES IN SECONDARY EDUCATION AND SUPERVISION

7. PRINCIPLES OF EDUCATION—A term is devoted to a consideration of the function of education in biological and psy-

chological terms. Emphasis is placed upon the functioning of experience in its relation to the educative process, upon the relation of education to the different periods of child development, upon educational values, and upon the technique of teaching. Open to Juniors and Seniors. Three recitations a week. Fall term. Forty-five collegiate hours' credit.

8. PRINCIPLES OF EDUCATION—SOCIAL AND INDUSTRIAL—The problem of education is approached from the viewpoint of society and industry. A study is made of typical attitudes which the child assumes when he comes in contact with members of society, and of the plan and method designed to make the individual socially efficient. The problem of industrial education receives careful consideration. Open to Juniors and Seniors. Three recitations a week. Winter term. Thirty-three collegiate hours' credit.

9. HIGH-SCHOOL METHODS—The course is designed to acquaint the student with the most essential problems connected with teaching in our secondary schools. Each member of the class is required to make a careful study of the most advanced methods of teaching some one or more of the subjects taught in the secondary schools. Open to Juniors and Seniors. Three recitations a week. Spring term. Thirty-six collegiate hours' credit.

10. HISTORY OF EDUCATION—The course in the History of Education gives a connected account of the larger movements in education from ancient to modern times. Educational ideas, methods, and curricula are studied in their relation to social, cultural, and industrial changes. (1) Fall term. Education in Greece, Rome, and the East. (2) Winter term. The early Christian schools, the reforms of Charlemagne, the rise of the universities, and the renaissance. (3) Spring term. The work of the great educational reformers. Open to Seniors. Three recitations a week. Fall, Winter and Spring terms. One hundred fourteen collegiate hours' credit.

11. MODERN SCHOOL SYSTEMS—In this course a comparative study is made of the modern school systems of the United States, Germany, France, and England. Special attention is



given to those features of the various systems that are of greatest significance for the prospective superintendent. Open to Seniors. Three recitations a week. Fall, Winter and Spring terms. One hundred fourteen collegiate hours' credit.

### **PRIMARY METHODS**

MISS WAITE.

The course in Primary Methods presupposes a knowledge of Psychology, Principles of Education, School Administration, and School Law.

Special attention is given to the methods of teaching every subject in the primary grades, with suggestions as to good devices for drill work.

At the close of each lesson in Primary Methods, the class is taken to the Training School to see an application of these methods in an actual lesson given by a critic teacher.

Attention is given to the writing of lesson plans, so that at the close of the term's work the student is ready to begin his teaching in the Training School.

### **PAIDODOLOGY AND PSYCHOLOGY**

PROFESSOR CHRISMAN.

The purpose of the work in Paidology, the science of the child, is to give a knowledge of child nature. It is intended to give students what has been learned about children, to fix in them the habit of observation and study of children, and to help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is purposed to acquaint students with such facts of mind as have been gained through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

In both Paidology and Psychology laboratory facilities are



afforded whereby much of the work is carried on experimentally, so that not only is there opportunity given for learning the subject matter, but also for applying the work so as to give further power that will greatly aid in mental growth. In the courses in which laboratory work is done, there is a fee of fifty cents per term.

The details of the work of this Department are given herewith. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

### WORK BY TERMS

#### Fall Term

INTRODUCTORY PSYCHOLOGY—Freshman, five hours, required in the Courses in Elementary Education.

PAIDOLOGY (CHILDHOOD)—Sophomore, four hours, required in the Courses in Elementary Education.

EXPERIMENTAL PSYCHOLOGY—Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

PAIDOLOGY (UNCIVILIZED CHILD)—Junior, four hours, required in the courses leading to the degree of B. Ped.

ADVANCED PSYCHOLOGY—Senior, four hours, elective.

PAIDOLOGY (PRENATALITY)—Senior, four hours, elective.

#### Winter Term

PAIDOLOGY (INFANCY)—Freshman, four hours, required in Kindergarten Course.

PHYSIOLOGICAL PSYCHOLOGY—Sophomore, four hours, required in the courses leading to the degree of B. Ped.

PAIDOLOGY (BOYGIRLHOOD)—Sophomore, four hours, required in the Courses in Elementary Education.

EXPERIMENTAL PSYCHOLOGY—Junior, four hours, required in the courses leading to the degrees of A. B., B. S., and B. Ph.

PAIDODOLOGY (HISTORICAL CHILD)—Junior, four hours, required in the courses leading to the degree of B. Ped.

ADVANCED PSYCHOLOGY—Senior, four hours, elective.

### Spring Term

GENETIC PSYCHOLOGY—Sophomore, four hours, required in the course in Elementary Education and in the courses leading to the degree of B. Ped.

PAIDODOLOGY (ADOLESCENCE)—Junior, four hours, required in the course in Secondary Education, leading to the degree of B. Ped.

EXPERIMENTAL PSYCHOLOGY—Junior, four hours, required.

PAIDODOLOGY (ABNORMAL CHILD)—Junior, four hours, required in the course in Supervision, leading to the degree of B. Ped.

ABNORMAL PSYCHOLOGY—Senior, five hours, required.

PAIDOMETRY—Senior, four hours, required in the courses leading to the degree of B. Ped.

ADVANCED PSYCHOLOGY—Senior, four hours, elective.

### COURSES

1. INTRODUCTORY PSYCHOLOGY—Freshman, required, Fall term, five hours. The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. The text-books used will be Titchener's *Primer of Psychology* and Angell's *Psychology*, with reference to other texts.

2. PAIDODOLOGY—Freshmen required, Winter term, four hours. In this course will be taken up Infancy, the first period of life after birth, a knowledge of which is so important as a foundation for the better understanding of the periods following. There will be studied both the physiological and the psychological life of the being at this time, including the diseases of infancy, the beginnings of language, volition, and motor ability, the rise and development of the senses, etc., and also the care

and attention needed by the infant as a basis for future growth. The references will be works on the diseases of infancy together with such studies on growth and development as those of Preyer, Shinn, Moore, Major, and Oppenheim.

3. GENETIC PSYCHOLOGY—Sophomore required, Spring term, four hours. Under this course will be studied and compared the psychological development as shown by the child, the race, and the animal. Works on anthropology, animal psychology, and child psychology, such as Tylor, Spencer, Wundt, Baldwin, Chamberlain, Morgan, Preyer, Tracy, Kirkpatrick, and King, will furnish the material for this course.

4. PAIDODOLOGY—Sophomore required, Fall and Winter terms, four hours. During the Fall term the period of childhood is taken up. The general characteristics of this period, growth, disease, the senses, mental and physical development, etc., are studied. In the Winter term this work is continued in a study of boygirlhood, in which attention is directed to the remarkable growth and the changes that take place and to the conditions, characteristics, etc., of this period of life. During these two terms observations and studies of children are carried on in the field and in the laboratory. Among the magazines referred to in this course are the *Pedagogical Seminary*, *Studies in Education*, and the *Paidologist*; among the books are Oppenheim's *Development of the Child*, Thorndike's *Notes on Child Study*, Chamberlain's *The Child*, Kirkpatrick's *Fundamentals of Child Study*, and Warner's *Study of Children*.

5. PHYSIOLOGICAL PSYCHOLOGY—Sophomore required, Winter term, four hours. In this course will be considered the problem and survey of physiological psychology, the nervous mechanism underlying mental processes, the relation of the nervous system to the mental life, and the nature of mind as shown from these studies. The works specially consulted in this course will be Wundt's *Principles of Physiological Psychology*, Ladd's *Elements of Physiological Psychology*, and McDougal's *Physiological Psychology*.

6. PAIDODOLOGY—Junior required, Spring term, four hours. This term's work covers the period of Adolescence. It is in-

tended to give a knowledge of this so important time in the life of the young, taking up the characteristics of this period, the growth and changes coming now, with the mental and moral conditions that occur. Among the magazines used are the *Pedagogical Seminary* and the *Journal of Adolescence*, and among the books are Hall's *Adolescence* and Ellis's *Man and Woman*.

7. EXPERIMENTAL PSYCHOLOGY—Junior required, throughout the year, four hours. A study will be made of the subject matter of experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Titchener's *Text-Book of Psychology*, Sanford's *Experimental Psychology*, and Myers's *Text-Book of Experimental Psychology*, with references to other works on psychology.

8. PAIDODOGY—Junior required, four hours, throughout the year. These terms are given over to the consideration of different types of child life. During the Fall term will come work upon the Uncivilized Child, the child as found among uncivilized and semi-civilized peoples. In the Winter term will be studied the Historical Child, the child as found among nations of ancient times, in medieval Europe, and earlier United States. In the Spring term the work will be upon the Abnormal Child, embracing defective children, delinquent children, dependent children, wildings, and exceptional children. Some of the works used will be Wade's *Deaf-Blind*, Folks's *Care of Destitute, Neglected, and Delinquent Children*, Morrison's *Juvenile Offenders*, Riis's *Children of the Poor*, Ireland's *Mental Affections of Children*, The Smithsonian Reports, Bancroft's *Native Races of the Pacific States*, Kidd's *Savage Childhood*, Headland's *Chinese Boy and Girl*, Guhl and Koner's *Life of the Greeks and Romans*, Gray's *Children's Crusaders*, and Earle's *Child Life in Colonial Days*.

9. ABNORMAL PSYCHOLOGY—Senior required. Spring term, five hours. A study of mental disorders, as insanity and de-

generacy, and of abnormal mental phenomena, as hallucinations, hypnoses, and speech defects. Clinics will be held at the State Hospital for the Insane, located at this place, and visits will be made to other institutions. Among the books referred to are Storrington's *Mental Pathology in Its Relation to Normal Psychology*, Defendorf's *Psychiatry*, Mercier's *Insanity*, Maudsley's *Pathology of Mind*, and Bramwell's *Hypnotism*.

10. PAIDOLGY—Senior elective, Fall term, four hours. This study is that of Prenatality, which includes the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the problems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. The works consulted are such as Hertwig, Minot, and Schafer, on embryology and writings on the different phases of this period.

11. ADVANCED PSYCHOLOGY—Senior elective, throughout the year, four hours. This is essentially a laboratory course and it is a continuation of the studies of the other courses in experimental work. The problems will be of a more intensive nature than in the other courses, and where desired and where ready for such, work will be arranged for the student to do some original investigation, the results of which may be summed up in papers prepared through discussions, readings, and experiments, such investigation to go on for a term or throughout the year, as the line of work may require.

12. PAIDOMETRY—Senior required, Spring term, four hours. In this course it is purposed to study the growth and physical development of children, supplementing this study by laboratory work based on Hastings's *Manual for Physical Measurements of Boys and Girls*.

## DEPARTMENT OF MATHEMATICS

PROFESSOR MILLS.

### Arithmetic

The course in Arithmetic comprises two terms' work. Ac-



curacy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions. The text-book used in the first term's work is Milne's "*Practical Arithmetic*," and the work in this book is completed to the subject of Partial Payments. Ray's *Higher Arithmetic* is the text-book for the second term's work. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention.

### Algebra

FIRST TERM'S WORK—Wells's *Secondary Algebra*.

SECOND TERM'S WORK—Wells's *Secondary Algebra*. The one part of this term's work especially emphasized is the chapter on Factoring and its applications.

THIRD TERM'S WORK—Fisher and Schwatt's *Higher Algebra* is completed to Harmonical Progression. As in Arithmetic, forms of solution and methods of teaching are prominent features of the work.

### Plane Geometry

This subject is regular in the Spring term. Lyman's *Plane Geometry* is the text-book used. In this work students are encouraged to form the habit of original investigation. Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.



### **Descriptive Astronomy**

One term's work is devoted to this subject. A text-book is used, but the topical method of recitation is followed, and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

### **Note**

For the courses in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each term.

### **PUBLIC-SCHOOL DRAWING**

MISS BRISON.

" Drawing and handwork have obtained their present place in public school courses because our most noted educators believe in their educational value. This work is taught primarily not to make artists and artisans but as a means of improving the public taste and the general culture. Learning the appreciation of the good things in nature and art from an æsthetic point of view is a pleasure to the student and often results in practical value. Training along these lines helps the individual to choose and create for himself, and thus greatly helps to bring about individuality of thought and expression. Drawing and handwork should be taught for the sake of the individual student; and his needs should form the basis of the course of study. Therefore these subjects should train the powers of observation, bring one into closer touch with nature and various products of human activity, and help one to think and express himself clearly. Hence they serve to help to adapt one to his environment.

In the following courses the work and exercises will be given with this in view; that the student may not only learn how to do the work himself, but how it should be taught to children.

In drawing, pencil, charcoal, and colored crayons are used. It is thought best to have the student familiarize himself with all of these mediums, as their use varies in the different public schools.

### **Required Work in School Drawing**

**FIRST TERM**—Elementary Composition and Designing. Object Drawing is given with particular attention to placing on the paper and general composition. Also some elementary designing is taught.

**SECOND TERM**—Mechanical Drawing and Theory of Color. This course aims to include the Mechanical Drawing necessary for teaching in the grammar grades, and deals to a certain extent with the subjects of projections and developments taught in high schools. Color scales will be made and color schemes copied from Japanese prints.

**THIRD TERM**—Theory of School Drawing. Type problems for public school grades will be worked out and provision made for observation in some of the grades in the Training School.

**HAND WORK**—A course in cardboard construction, knife work, clay modeling, Venetian iron, and raphia and reed work, planned for primary and intermediate grades, but suggestive for a course for higher grades, is given in the Winter term.

### **Drawing Teachers' Course**

Courses leading to a certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take one year each in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in drawing and hand-work in the Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching, therefore he has to be an

originator of courses as well as teacher. Hence it has been found necessary to require the student to take the two-year Normal Course or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to the students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

**DESIGN**—This course includes three terms of work. It deals with applied design and aims at underlying principles. Designs for woodwork, book covers, stencils, metal work, etc., are made.

**COMPOSITION AND METHODS**—One term.

**COMPOSITION AND SKETCHES**—Two terms. High school, elementary and grammar grade problems will be discussed. Stories and poems will be illustrated. Landscape, figure and flower composition will be attempted. There will also be sketching from the model and blackboard work.

**FREE-HAND DRAWING**—See courses in Drawing and Painting in the College of Liberal Arts.

**MECHANICAL DRAWING**—See courses in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College courses leading to a degree may take the drawing course as elective, obtaining a certificate in school drawing as well as a degree at the end of the four-year course.

**DIPLOMA COURSE**—A three-year course for supervisors in public school drawing is outlined in detail in the statement of the various courses in the Normal College, on another page.

## **PUBLIC-SCHOOL MUSIC**

MISS SWEET.

The study of music in the public schools is no longer an experiment in the most progressive parts of our country. Its value as a mental discipline is thoroughly recognized by all the leading educators. It not only furnishes material for mental

culture, but it is a source of inspiration in the performance of all other school duties. It is a great cultivator of gentleness among pupils, and no school where music study is well directed will be disorderly, for music is order itself. One great need of our schools is thoroughly qualified teachers to direct the work in a manner that will make music a helpful force in the school room. Many schools in Ohio are without instructors in music because there are few teachers who are prepared for this work. It is hoped that many who are musically inclined and are otherwise fitted for teaching the subject will become interested in this worthy branch of instruction.

Students taking the regular Normal College Course are required to take two terms of Public School Music, first term consisting of Theory and Sight-Reading, 2; second term, Advanced Theory and Sight-Reading, 2. Any student who desires further instruction may enter the Teachers' Method Class. This term in methods is very valuable to teachers, and all are urged to take it.

A Special Music Teachers' Course has been added to the Normal College for the training of students to become teachers and supervisors of Public School Music.

Sufficient time to earn this Special Certificate is given, and admission is based upon graduation from a high school of the first grade or equivalent scholarship. Students entering without equivalent scholarship may take work in the Preparatory School.

For those without any knowledge of music two years will be necessary to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in one year.

As soon as students are prepared they may begin teaching in the Training School, and as they acquire experience in teaching music in all the grades under supervision, they become experienced teachers in Public School music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on following pages.

**ENGLISH**

PROFESSOR WILSON.

PROFESSOR COULTRAP.

This Department aims to familiarize the student with representative masterpieces of English Literature and with its history, and to discuss the methods of teaching the subject. Written and oral expression on the part of the student is emphasized in all the work. The student is required to use the Library in the preparation of no small part of his work, that he may come in touch with books and develop the reading spirit.

The courses in Grammar take up the art and science phases of the subject, treat of the technical difficulties of construction, and deal with the methods of teaching Grammar.

Beginning with the Spring term of 1910, two courses in the Literature for the Grades will be offered. One of these will present the literary material suitable for the primary grades; the other for the grammar grades. One term's work in this subject is required in each of the shorter Normal College courses. The student may select whichever course he may prefer. Both courses will be given only in the Spring term, and will meet three times each week.

The following courses are given in the Normal College:

**Course in Elementary Education for Graduates of Common Schools****FIRST YEAR.**

Fall term, Grammar, 5; Winter term, American Literature, 5; Spring term, American Literature, 5.

**SECOND YEAR.**

Fall term, Rhetoric and Composition, 5; Winter term, Orthography and Phonics, 3.

## THIRD YEAR.

Fall term, British Literature, 5; Winter term, British Literature, 5; Spring term, Advanced Grammar, 3; Advanced Rhetoric, 5.

## FOURTH YEAR.

The same course as required for high school graduates; see the course below.

**Course in Elementary Education for Graduates of High Schools**

## FIRST YEAR.

Fall term, English Poetry, 3; Winter term, American Poetry, 3; Spring term, Literature for the Primary Grades, 3; Literature for the Grammar Grades, 3; Advanced Grammar, 3.

**Course in Secondary Education for Graduates of High Schools**

## FRESHMAN YEAR.

Fall term, English Poetry, 3.

## SOPHOMORE YEAR.

Winter term, American Poetry, 3.

## WINTER YEAR.

Fall term, Literary Criticism, 2.

**Course in Supervision for Principals and Superintendents**

In this Course, the requirements in this Department are the



same as those given in the Course of Secondary Education for Graduates of High Schools.

### **ELEMENTARY SCIENCE**

PROFESSOR W. F. COPELAND.

For the present year the work in this Department embraces four courses extending through the year: (1) First Year Botany, (2) Nature Study, (3) Agriculture and School Gardens, (4) Second Year Botany. With the exception of the Winter term's work in course (3), all courses are conducted on the laboratory and recitation plan.

These studies are to be considered largely from the standpoint of the teacher and the pre-agricultural student. As the name of the Department implies, the work in Elementary Science is not to be technical but rather an attempt to acquaint the student with some of the fundamental facts and laws relative to the natural sciences. Where the courses relate more especially to teachers, some time will be given to planning simple apparatus to show how to demonstrate many important principles at a very slight expense.

1. **FIRST YEAR BOTANY**—On account of the nature of the course, it is necessary to begin in the Winter and end in the Fall term. The Winter and Spring terms are preparatory and are required in all courses. The text used during these terms is "*Principles of Botany*" by Bergen and Davis. In brief, the object in the first two terms is to acquaint the student with a study of plants in different phases. Not detailed studies, but an introduction to such studies as morphology, plant physiology, taxonomy, and distribution of plants. The third or Fall term of the first year's work will be Plant Morphology. This study will be made both in the laboratory and in the field, and will be mostly confined to comparative morphology of the non-flowering plants. The first two terms will be necessary for admission to this class. The first and second terms are five-hour courses, and the third term is collegiate three-hour course.

2. **NATURE STUDY**—Nature Study is now offered four terms in the year, and is conducted as an out-door study of living

forms, but texts are used as aids. In the Fall term, "*Nature Study and Life*," by Hodge; in the Winter term, "*Nature Study*," by Frederick Holtz. In the Summer term, "*Practical Nature Study*," by Coulter and Patterson. The work in the Winter term considers simple exercises in Chemistry and Physics as Nature-Study material. Excepting in the Winter term the School Garden will be an important feature in the year's work. Throughout the year this course will consist of two recitations and two laboratory or field exercises per week. The particular topics studied will depend largely on local and seasonal conditions.

3. AGRICULTURE AND SCHOOL GARDENS—This is a three-hour course, and continues throughout the year. In this year's work the needs of two types of students will be kept in mind: the prospective teacher and the agricultural student. In the Fall and Spring terms, problems relating to Agriculture will be considered from a practical standpoint. An attempt will be made to show how subjects of most interest in this course can be demonstrated in the field, in a garden plot, or in the school room, and in any community.. The work in the Winter term is of a theoretical nature, and open only to students having had zoology and preparatory botany. The work will be a study in Evolution or Heredity. Problems discussed will be largely those of interest to the plant and animal breeder. As the course stands at present, the two subjects are given alternately and the course in Evolution comes in the Winter term, 1911.

4. SECOND YEAR BOTANY—The Botany offered during the second year will be a two-hour course, beginning in the Fall term. The year's work will be divided among the subjects of Plant Ecology, Plant Physiology and Plant Histology. The exact order will depend upon conditions, but will likely follow the order named. The required Botany will be necessary for admission to this course.

## AMERICAN HISTORY AND GOVERNMENT

PROFESSOR THOMAS N. HOOVER.

It is the aim in the History Courses to trace the growth of the

nation, and to describe the way in which the people have met and solved the problems from time to time confronting them. The courses in government deal with the actual working out of the systems of government in the United States and in England. The following courses are offered:

### **Preparatory United States History—Required**

*First Year: Fall Term*—HISTORY OF THE UNITED STATES, five hours per week.

*Winter Term*—HISTORY OF THE UNITED STATES, five hours per week.

*Spring Term*—CIVIL GOVERNMENT, five hours per week.

In the above courses in United States History, A. C. McLaughlin's *History of the American Nation* is the text.

In the Civics course, J. A. James and A. H. Sanford's *Government in State and Nation* is the text.

### **Collegiate History—Freshmen**

*Fall Term*—UNITED STATES HISTORY, Colonial Period, four hours.

*Winter Term*—UNITED STATES HISTORY, 1789-1860, four hours.

*Spring Term*—UNITED STATES HISTORY, 1860-1909, four hours.

This course offers an opportunity to the student to do investigation, to handle material, and to become familiar with the writings on American History. References are given for weekly readings, and fifteen minute papers on the reading and work of the week are required. Each student is required to write one special report each term on some subject assigned.

### **Collegiate Electives**

#### **Fall Term**

CONSTITUTIONAL HISTORY, three hours.

The origin, formation, and ratification of the Federal Constitution are studied from the sources.

AMERICAN DIPLOMACY, three hours.

This course offers a study of the international relations of America, from the discoveries of Columbus to the present time, showing how America, step by step, has become a world power. A. B. Hart's *Manual of American History, Diplomacy and Government* will be used as a guide.

CONSTITUTIONAL HISTORY AND AMERICAN DIPLOMACY are offered in alternate years.

### Winter Term

CONSTITUTIONAL LAW IN THE UNITED STATES, three hours.

E. McClain's *Constitutional Law in the United States* will be the text. The decisions of the Supreme Court will be used each day.

MUNICIPAL GOVERNMENT, three hours.

This is a practical study of city government in America. F. J. Goodnow's *City Government in the United States* will be the text.

The two courses above are offered in alternate years.

### Spring Term

HISTORY OF POLITICAL PARTIES IN THE UNITED STATES, three hours.

J. A. Woodburn's *Political Parties and Party Problems* will be used as a text.

MODERN ENGLISH GOVERNMENT, three hours.

The actual working of the English system of Government will be carefully studied. A. Lawrence Lowell's *Government of England* will be constantly used in the course.

The two courses above are offered in alternate years.

**TRAINING SCHOOL**

MISS WAITE, *Principal*.

The very center of a normal school is its Training School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training School. This Training School consists of well-graded and closely-articulated schools of the primary and grammar grades. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training School. During the first year of the student's training the Training School is used as an observation or Model School. During the first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

Not less than 115 hours' teaching in the Training School is required. However, the students so appreciate this opportunity that most of them now teach 180 hours, and many teach 240 hours, or four full terms, making teaching a College elective, or substituting teaching for some other work.

**THE KINDERGARTEN SCHOOL OF THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY**

MISS McLEOD.

This school offers a training to young women who desire to

prepare themselves for professional work as kindergartners.

It gives opportunities also for those who do not intend to become teachers, but desire this course as a means of general culture or as an aid in following other lines of work.

The Kindergarten is recognized now as a part of the educational system of Ohio. Every year new kindergartens are opened, which creates a corresponding demand for thoroughly trained kindergartners. The Kindergarten training is also an avenue to other lines of work. There is a demand for trained kindergartners as settlement workers, probation officers of juvenile courts, matrons of children's institutions, and librarians in children's departments of libraries.

The Kindergarten School of the State Normal College of Ohio University offers exceptional advantages to students because of its being an integral part of the University, so that in addition to the training in Kindergarten education, students receive instruction in other departments of the institution. As a part of the regular work in the Kindergarten School, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work.

The course offered is two years in length, and leads to the diploma in Kindergarten Education. This course is given in detail by terms on another page.

**REQUIREMENTS FOR ADMISSION**—Graduation from a first-class High School or equivalent scholarship.

**MUSICAL TRAINING**—Some ability to sing and to play on the piano is essential. Where such training is lacking, additional work in music is required.

**FEES**—A nominal fee is charged each term to cover the cost of materials used in the occupation work.



COURSES OF STUDY  
OF THE  
STATE NORMAL COLLEGE  
OF  
OHIO UNIVERSITY

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**COURSES LEADING TO A DIPLOMA**

The "Course for Teachers of Rural Schools" for graduates of common schools is designed to meet the needs of the following classes: (1) Those who have passed the Patterson Examination and are graduates of the Common Schools; (2) those who can satisfy the Faculty of qualifications equivalent to Patterson graduation, although they do not hold a diploma from the County Examiners; (3) teachers and prospective teachers who hold county or city certificates, such students being excused from all the work of the first year of the course except American Literature, Rhetoric, School Drawing, School Music, and Physical Geography, these subjects to be taken during the second and third years in addition to the studies scheduled unless the student presents evidence to warrant his being excused by the Faculty; (4) graduates of high schools of Second and Third Grades, who would be excused from such studies as they have satisfactorily completed, and who in most instances would be able to begin the course in the third and second years respectively.

Students wishing to take a foreign language will be permitted to substitute such for studies in this course under the regulations governing substitutions.

In this connection, it should be stated that courses in the Common Branches, Beginning Latin, Algebra, Rhetoric, and a few other preparatory studies are given *each term*, although such a schedule is not shown by the tabulated courses below. This is done to accommodate students who do not enter at the beginning of the year. The Common Branches are presented from the pedagogical point of view, and constitute an important part of the professional training of those preparing to teach, as the work is directly associated with the Department of Methods and the practice Work in the Model School.

Graduates of high schools of the First Grade, from a Classical, Scientific, or English course, will be admitted with first-year rank to the two-year course for high-school graduates, or to the Freshman class of either of the four-year courses.

Students who have not graduated from a four-year high-school course may take such preparatory work as assigned them by the Dean until they have completed 15 units of preparatory work.

The requirements for admission to the two-year courses in Drawing, Music, and Kindergarten are the same as for admission to the two-year course in Elementary Education, or to any of the four-year courses—15 units of credit from a high school, or equivalent scholarship.

Grades and certificates from reputable institutions will be accepted and placed to the credit of the candidate for admission to the State Normal College.

A total minimum of 115 hours of teaching in the Training School of the State Normal College is required, but teachers of much experience and marked ability may not be held to the full time.

Those who complete the course in "Elementary Education" will be granted a Diploma. All the hours of college work completed in these courses will be credited on the course in "Secondary Education" or course in "Supervision," which courses lead to the degree of Bachelor of Pedagogy, or as elective credits on any course in the University.

The plain figures denote the number of hours of work and credit to be given to the subject.

### COURSE FOR TEACHERS OF RURAL SCHOOLS

Many teachers of rural schools have never enjoyed the advantages of a full course in a good high school. It is the aim of the State Normal College to meet the immediate needs of such teachers, and thus carry out the command of the state legislature in providing that this institution shall maintain courses of instruction for teachers in *all* grades of the public service.

At least a Boxwell-Patterson diploma or equivalent, or a teacher's certificate, will be required for admission to the work of this course. A holder of a Boxwell-Patterson diploma should be able to complete this course in two years. A holder of a teacher's certificate might complete it in one year. No diploma or certificate will be granted to those who complete the course, but the credit slips of the Normal College and University will show the standing of the holder. All subjects in this course, also required in one or more other courses in the Preparatory or Collegiate Departments, will be given full credit in those departments.

The object of this course is two-fold—to afford teachers of rural schools and those preparing to teach in them a better preparation for their work than they can obtain in a high school, and to broaden their vision of education and of the work of the teacher so that they may become ambitious to take a regular professional course leading to a diploma from the State Normal College.

Every teacher ought to be ambitious to advance the grade of his or her certificate. One aim in this course is to make it possible for a holder of a one-year certificate to obtain one of higher grade in the State Uniform Examinations. Certificates for five and eight years are professional certificates, and are valid in any county in Ohio, without examination or endorsement. It should be the aim of every teacher to advance at least to a five-year grade, and such an attainment is easily possible for every ambitious teacher.

The Dean of the State Normal College will assign each student to such studies as seem best calculated to promote his

interests and secure his safe advancement. The student may find it impossible to spend more than a term or two in college, and in such a case he may be permitted to choose his own studies, subject to the approval of the Dean, who is anxious to correspond with all prospective students who may be interested in this or any other course in the State Normal College.

## **RURAL-SCHOOL COURSE FOR TEACHERS**

### **First Year**

FALL TERM (15 weeks)—U. S. History, 5; Composition and Rhetoric, 5; Arithmetic, 5; Physiology, 5, or Physical Geography, 5.

WINTER TERM (11 weeks)—U. S. History completed, 5; Political Geography, 5; American Literature, 5; Rhetoric, 5, or Orthography and Phonics, 3.

SPRING TERM (12 weeks)—Civil Government, 5; American Literature, 5; Theory and Practice, 5; Grammar, 5, or Public School Drawing, 2.

### **Second Year**

FALL TERM—Advanced Arithmetic, 5; Psychology, 5; Observation and Methods in Rural Schools, 5; English Literature, 5, or General History, 5, or Physics, 5, or Algebra, 5.

WINTER TERM—Nature Study, 4; Advanced Geography, 4; English Literature, 5; the Rural-School Course of Study, 3; General History, 5, or Physics, 5, or Elementary Botany, 5, or Algebra, 5.

SPRING TERM—Elementary Agriculture, 4; Advanced Grammar, 3; School Management and School Law, 3; General History, 5, or Botany, 5, or Physics, 5, or Algebra, 5; Examination Quiz, 3; Drawing or Music, 2. During this term opportunity will be given for reviews in any or all of the Common Branches.

**COURSE IN ELEMENTARY EDUCATION**

(For graduates of High Schools.)

**First Year**

FALL TERM—English Poetry, 3; U. S. History, 4; School Sanitation and Hygiene, 3; Psychology, 5; School Music, 2; School Drawing, 1.

WINTER TERM—American Poetry, 3; U. S. History, 4; Advanced Geography, 4; Advanced Arithmetic, 5; Principles of Teaching, 3; School Music, 2.

SPRING TERM—Literature for the Grades, 3; Advanced Grammar, 3; Methods of Instruction, 3; Primary Methods, 5; School Management and School Law, 3; School Drawing, 1.

**Second Year**

FALL TERM—Ethics, 3; Paidology, 4; Elementary Course of Study, 3; Grammar-Grade Methods, 4, or Primary Methods, 4; Nature Study, 4; Teaching.

WINTER TERM—Sociology, 3; Zoology, 2; Paidology, 4; Grammar Grade Methods, 4; Handwork, 4; Teaching or Nature Study, 4.

SPRING TERM—Zoology, 4; Psychology, 4; History of Elementary Education, 4; Nature Study, 4; Teaching.

**COURSES LEADING TO THE DEGREE OF BACHELOR OF PEDAGOGY**

The courses in "Secondary Education" and in "Supervision" require 2,500 hours of class-room work for their completion. The required work is designated below and the student is expected to select the remaining hours from the electives offered in the various departments of the University. Students, by making judicious choice of electives—preferably after consultation with the college instructors most concerned—can easily emphasize scholarship in certain departments of study. For in-

stance, the courses leading to a degree, require two years of study given to a foreign language. The study of such language for an additional year, or for an additional two years, may be elected by students in other terms of the course pursued. In this manner, for further example, students may complete a required course and receive therein much more than the required amount of either Latin, Greek, German, French, or Spanish, and thus graduate with such proficiency in the language studied as to be well prepared to fill the position of special teacher of that particular language. The same course can be pursued with reference to other subjects of study scheduled in any department or college of the University.

The fulfillment of regular college requirements for entrance to a course leading to a bachelor's degree will admit to the "Course in Secondary Education," but entrance to the "Course in Supervision" requires in addition at least two years of experience in teaching. Those who complete either of these courses will be granted a diploma with the degree of Bachelor of Pedagogy.

Two Bachelor's Degrees may be earned in four years if the student will choose as his *electives* for a four-year Normal-College course only the *required* subjects of a four-year course in the College of Liberal Arts.

A total minimum of 115 hours of teaching is required, but principals and superintendents of experience who in less time are able to demonstrate their ability to teach in accordance with scientific principles will not be held to the full time.

Credit will be given on these Courses of Study for equivalent work completed in other reputable institutions.



**COURSE IN SECONDARY EDUCATION\***

(For Graduates of High Schools.)

**REQUIRED SUBJECTS****Freshman Year**

FALL TERM—A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; U. S. History, 4; School Drawing, 1.

WINTER TERM—A Foreign Language, 4; Algebra, 4; Invertebrate Zoology, 2; U. S. History, 4; School Drawing, 1.

SPRING TERM—A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; School Drawing, 1.

**Sophomore Year**

FALL TERM—Ethics, 3.

WINTER TERM—Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM—Psychology, 4.

**Junior Year**

FALL TERM—Paidology, 4; Principles of Education, 3.

WINTER TERM—Paidology, 4; Principles of Education, 3.

SPRING TERM—Paidology, 4; High-School Methods, 3.

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\*At the beginning of the Sophomore year each student in the course in Secondary Education must elect to take a special line of work—a Foreign Language, English, Mathematics, History or Science—and before graduating from the course he shall have completed not less than 342 hours' credit in the special line elected, including any number of hours that may have been given to the subject in the Freshman Year. The student shall report such election for the special study to the Dean of the Normal College for his approval.

**Senior Year**

FALL TERM—School Administration and School Law, 3; School Systems, 3; History of Education, 3; Teaching; Literary Criticism, 2.

WINTER TERM—Secondary Course of Study, 3; History of Education, 4; Thesis, 5; Teaching.

SPRING TERM—Paidometry, 4; History of Education, 3; Teaching; Philosophy, 3.

**COURSE IN SUPERVISION**

(For Principals and Superintendents)

**REQUIRED SUBJECTS****Freshman Year**

FALL TERM—A Foreign Language, 4; Solid Geometry, 4; English Poetry, 3; Political Economy, 2; School Drawing, 1.

WINTER TERM—A Foreign Language, 4; Algebra, 4; Political Economy, 2; Invertebrate Zoology, 2; School Drawing, 1.

SPRING TERM—A Foreign Language, 4; Plane Trigonometry, 4; Invertebrate Zoology, 4; Nature Study, 4; School Drawing, 1.

**Sophomore Year**

FALL TERM—A Foreign Language, 4; Ethics, 3; Dynamic Biology, 3.

WINTER TERM—A Foreign Language, 4; Psychology, 4; Sociology, 3; American Poetry, 3.

SPRING TERM—A Foreign Language, 4; Psychology, 4.

**Junior Year**

FALL TERM—Paidology, 4; Principles of Education, 3; School Administration and School Law, 3.

WINTER TERM—Paidology, 4; Principles of Education, 3; Methods, 3.

SPRING TERM—Paidology, 4; Methods, 3; Philosophy, 3.

### Senior Year

FALL TERM—Elementary Course of Study, 3; Modern School Systems, 3; History of Education, 4; Literary Criticisms, 5; Teaching.

WINTER TERM—Secondary Course of Study, 3; School Systems, 3; History of Education, 4; Thesis, 5; Teaching.

SPRING TERM—Supervision and Criticism, 3; Paidometry, 4; History of Education, 3; School Systems, 3; Teaching.

### ONE-YEAR COURSE

(For College Graduates)

Those who complete this Course of Study will be granted a diploma with the degree of Bachelor of Pedagogy.

Students shall elect the grade of practice teaching desired, under the direction of the Dean of the Normal College. One hundred and fifteen hours of teaching are required, but those who are able to demonstrate their ability to teach in accordance with scientific principles may not be held to the full time, but such of this time as is not devoted to teaching must be filled with some of the other work given below.

Residence work will be required.

Students will select not less than seventeen hours a week from the following:

FALL TERM—School Administration and School Law, 3; Elementary Course of Study, 3; History of Education, 4; Paidology, 4; Principles of Teaching, 3; Grammar-Grade Methods, 3; School Systems, 4; Thesis, 1; Teaching.

WINTER TERM—Secondary Course of Study, 3; History of Education, 4; Paidology, 4; Principles of Education, 3; Grammar Grade Methods, 3; High-School Methods, 3; Modern School Systems, 3; Thesis, 1; Teaching.

**SPRING TERM**—Supervision and Criticism, 3; History of Elementary Education, 3; Paidology, 4; High-School Methods, 3; Methods of Instruction, 3; Paidometry, 4; School Systems, 3; Thesis, 1; Teaching.

**GENERAL NOTE**:—Persons who do not desire to pursue any of the regular courses above outlined may select such studies as they deem best suited to their needs, provided they are qualified by reason of previous preparation to pursue them.

Persons who are high school graduates, but not college graduates, and have but one year to give to preparation for teaching, are urged to take the studies scheduled in the first year of the "Two-Year Course."

### **DRAWING TEACHERS' COURSE**

Courses leading to a Certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take one year each in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in drawing and hand-work in the Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching. Therefore he has to be an originator of courses as well as a teacher. Hence it has been found necessary to require the student to take the two-year Normal Course or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to the students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

**DESIGN**—This course includes three terms of work. It deals with applied design and aims at underlying principles. Designs for wood work, book covers, stencils, metal work, etc., are made.

**COMPOSITION AND METHODS**—One term.

**COMPOSITION AND SKETCHING**—Two terms. High school, elementary, and grammar grade problems will be discussed.

Stories and poems will be illustrated. Landscape, figure, and flower compositions will be attempted. There will also be sketching from the model and blackboard work.

**MECHANICAL DRAWING**—See course in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College Courses leading to a degree may take the drawing course as electives, obtaining a certificate in school drawing as well as a degree at the end of the four-year course.

### **COURSE LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION AND A DIPLOMA IN SCHOOL DRAWING**

#### **First Year**

The work of this year will be the same as designated under the course for Elementary Education as found in this catalogue.

#### **Second Year**

**FALL TERM**—Ethics, 3; Paidology, 4; Advanced Drawing, 2; Grammar Grades Methods, 4.

**WINTER TERM**—Paidology, 4; Hand-work, 4; Advanced Drawing, 2; Grammar Methods, 4; Teaching.

**SPRING TERM**—Psychology, 3; History of Elementary Education, 4; Observation, 2; Hand-work, 2; Teaching.

#### **Third Year**

**FALL TERM**—Elementary Course of Study, 3; Designing, 2; Mechanical Drawing, 2; Composition and Methods, 5; Teaching.

**WINTER TERM**—Sociology, 3; Zoology, 2; Composition and Sketching, 5; Designing, 2; Mechanical Drawing, 2; Teaching.

**SPRING TERM**—Zoology, 4; School Management and School Law, 3; Designing, 2; Mechanical Drawing, 2; Composition and Sketching, 5; Teaching.

## **COURSE LEADING TO A DIPLOMA IN SCHOOL DRAWING**

### **First Year**

The work of this year is the same as in the courses for the Freshman year in the College of Liberal Arts or the Normal College, except that the school drawing given in the first year Normal work should come into either course.

### **Second Year**

FALL TERM—Ethics, 3, or College Rhetoric, 3; Advanced Drawing, 2; Designing, 2; remaining hours elective making not less than 17 hours each term.

WINTER TERM—Psychology, 4; Advanced Drawing, 2; Designing, 2; Hand-Work, 4; remaining hours elective.

SPRING TERM—Psychology, 3; Observation, 2; Designing, 2; Hand-Work, 2; remaining hours elective.

### **Third Year**

FALL TERM—Principles of Education, 3; Composition and Methods, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

WINTER TERM—Principles of Education, 3; Composition and Sketching, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

SPRING TERM—Composition and Sketching, 5; Mechanical Drawing, 2; Teaching; remaining hours elective.

## **DIPLOMA COURSE IN PUBLIC-SCHOOL MUSIC**

### **First Year**

FALL TERM—Voice, 2; Piano, 2; Psychology, 5; First Theory, 2; First Harmony, 2; Music Methods, 3; Physical Culture, 1; Observation, 1.



WINTER TERM—Voice, 2; Piano, 2; Psychology, 5; Second Harmony, 2; Second Theory, 2; Music Methods, 3; Physical Culture, 1; Observation.

SPRING TERM—Voice, 2; Piano, 3; Psychology, 5; Third Harmony, 2; Music Methods, 2; School Management, 3.

### Second Year

FALL TERM—Voice, 2; Piano, 2; Paidology, 4; Fourth Harmony, 2; Music Methods, 3; Physical Culture, 1; Teaching, 3.

WINTER TERM—Voice, 2; Piano, 2; Paidology, 4; Music Methods, 3; Physical Culture, 1; Principles of Education, 3; Teaching, 3.

SPRING TERM—Voice, 2; Piano, 2; Music Methods, 3; Principles of Education, 3; Teaching, 3; Elementary Course of Study, 3.

## DIPLOMA COURSE IN KINDERGARTEN EDUCATION

### First Year

FALL TERM—Kindergarten Theory and Activities, 3; Nature Study, 4; Psychology, 5; English Poetry, 3; Observation or Practice, 3.

WINTER TERM—Kindergarten Theory and Activities, 3; Nature Study, 4; Paidology, 4; American Poetry, 3; Principles of Education, 3; Observation or Practice, 2.

SPRING TERM—Kindergarten Theory and Activities, 3; Nature Study, 4; Principles of Education, 3; Observation and Practice, 3; School Management and School Laws, 3.

### Second Year

FALL TERM—Kindergarten Theory and Activities, 3; School Music, 2; Paidology, 4; School Drawing, 1; Ethics, 3; Practice, 5.

WINTER TERM—Kindergarten Theory and Activities, 5; School Music, 2; School Drawing, 1; Sociology, 3; Handwork, 4; Practice, 3.

SPRING TERM—Kindergarten Theory and Activities, 3; School Drawing, 1; History of Education, 4; Practice.

### EXPLANATIONS.

KINDERGARTEN THEORY AND ACTIVITIES—Under the head of Kindergarten Theory and Activities are included all those courses which pertain especially to Kindergarten education, such as the following:

FROEBEL'S "MOTHER PLAY"—A study of this work with reference to other writings of Froebel. Educational laws and life-truths are presented and insight gained into child life.

PROGRAM CONSTRUCTION—A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

STORIES—A study of typical stories and of the principles governing their selection with practice in story telling.

GIFTS AND OCCUPATIONS—Theory and practice in the use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or hand-work.

RHYTHM, SONGS AND GAMES—A study of these with the principles underlying them.

OBSERVATION AND PRACTICE TEACHING—In the Kindergarten and also observation in the Primary School, both under supervision.

# THE STATE PREPARATORY SCHOOL

FLETCHER S. COULTRAP, *Principal.*

This School is designed to prepare students for the regular courses of the University and the State Normal College. Students are also received who wish to pursue elementary studies, even though they may have no intention of entering one of the higher courses.

Candidates for admission to this department must furnish satisfactory evidence of good character, and must give evidence of proficiency in all studies of the courses lower than those which they wish to pursue. Students who expect to graduate from the Normal College must give evidence that they are thoroughly familiar with the common school branches.

There are three preparatory courses, Classical, Philosophical, and Scientific, each requiring four years for completion, and each leading to a corresponding course in the collegiate department. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each term.

## COURSES OF STUDY IN DETAIL

### Latin

FIRST AND SECOND TERMS—Collar and Daniell's *First Year Latin*.

THIRD TERM—Junior Latin Book. Especial stress is laid on inflections and composition.

SECOND YEAR—Cæsar's Commentaries, and Latin Prose Composition.

**THIRD YEAR**—Cicero's Orations. At least six Orations are read, including the four against Catiline. A careful study of forms and Syntax is an important part of this year's work.

**FOURTH YEAR**—Virgil's Aeneid, Books I-VI. Grammar reviews, scansion, and mythology. Latin Prose composition.

### Greek

**FIRST AND SECOND TERMS**—White's *First Greek Book* with particular reference to inflections and sentence writing.

**THIRD TERM**—Xenophon's Anabasis. Grammatical reviews and translation into Greek of easy prose.

### Preparatory English

#### FIRST YEAR

**FALL TERM**—Composition and Rhetoric. Elementary work in the theme, the paragraph, the sentence.

**WINTER TERM**—Composition and Rhetoric. Work in narration, description, exposition, and argumentation.

**SPRING TERM**—History of American Literature, with collateral readings. Text-book work. Wendell and Greenough's book.

#### SECOND YEAR

**FALL TERM**—Classics from American Literature: Poe, Bryant, Webster, Franklin, Irving, Cooper, Washington, Thoreau.

**WINTER TERM**—Classics from American Literature: Emerson, Holmes, Whittier, Longfellow, Lowell, Hawthorne, Burroughs, Aldrich. Short stories.

**SPRING TERM**—History of English Literature, with collateral readings. Text-book work, Halleck.

#### THIRD YEAR

**FALL TERM**—Classics from English Literature: Milton's Minor Poems, Pope's Rape of the Lock, Merchant of Venice,

Julius Cæsar, Hamlet, Macbeth, The Tempest, Selections from Goldsmith, Rasselas.

WINTER TERM—Sheridan, Coleridge, Wordsworth, Burns, Carlyle, Macaulay, George Eliot, Tennyson.

SPRING TERM—Advanced Composition and Rhetoric; the study of paragraph writing and of diction. Text, Hill's Principles of Rhetoric.

### German

FIRST TERM—German Grammar. Study of forms and compositions. Conversation based on Newson's First German Book (the new edition of Alge's Leitfaden), in connection with Hoelzel's charts on the seasons.

SECOND TERM—Study of Syntax. Reader and Review of Grammar. Some short modern story, such as Storm's *Immensee* and composition based thereon. Conversation as in first term.

SPRING TERM—Composition based on story read. Schiller's *Wilhelm Tell*, and, if possible, some short story or comedy. Conversation continued.

This course is for students who offer no credit in German for entrance and begin the study of German. For students who have had one year of high school work in German, the following work is offered.

FIRST TERM—Review of Grammar. Conversation, based on Newson's German Course and Hoelzel's charts. Reading of one or two modern stories with composition based on the text read.

SECOND TERM—Conversation and composition as above. Text: "Hoher als die Kirche."

THIRD TERM—Bacon's "*Im Vaterland.*" Composition based on the text, and conversation.

### French

Students taking the Scientific Course may substitute French

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\*In all the courses in Literature written appreciations of the classics studied and reports upon the collateral reading will be required.

and German for all or a part of Latin. As to the work in French, consult the Department of French in another part of the catalogue.

### Mathematics

**ALGEBRA**—A good working knowledge of the fundamentals extending into factoring, greatest common divisor, least common multiple, fractions, equations containing one unknown, also two or more unknowns, simultaneous equations of first and second degrees, illustrated by problems leading to these; indeterminate linear equations, evolution, inequalities, surds, imaginary and complex numbers, quadratic equations, higher equations, ratio, proportion, variation, and arithmetical and geometrical progression.

**GEOMETRY—PLANE AND SOLID**—The usual five books of Plane Geometry as given in the better and fuller text-books, including the solutions of numerous original examples in illustration of the theory; also the usual books in Solid Geometry on lines and planes in space, polyhedrons, cylinders, and curves, and the sphere with a great variety of original exercises. Texts, Well's *Algebra for Secondary Schools*, Fischer and Schwatt's *Higher Algebra*, Lyman's *Plane and Solid Geometry*.

### Physics

Three terms in the fourth year. Recitations three times a week. Laboratory work, four hours a week. Graduates of First Grade high schools who have studied such texts as *Carhart and Chute* or *Millikan and Gale* will receive full credit for their class work. If in addition they present note-books showing that at least forty experiments have been performed and carefully written up, they will receive full credit for the course without condition.

The first term is devoted to Properties of Matter, Laws of Motion, Mechanics of Solids, Liquids, and Gases, and Heat. The second term to Magnetism and Electricity, and Light. The third to Sound, and a general review of the work of the two



preceding terms. One of the above texts will be used in the class, and the manual of *Atkinson and Evans* as a laboratory guide.

### Physical Geography

This subject is required in all the courses. A standard text-book is studied for a term.

### Physiology

The text-book is Hough and Sedgwick's *The Human Mechanism*.

The aim is to give a good general knowledge of Anatomy and Hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

### Botany

Two terms, five hours per week.

Field and laboratory work are a leading feature in this course. Each student will prepare a herbarium of not less than forty plants. Bergen and Davis's *Principles of Botany* is the text.

### U. S. History

Two terms, the first of three hours per week, and the second of five hours per week. Text-book, McLaughlin's *History of the American Nation*.

### Civics

The fundamental principles of the subject are carefully explained, while at the same time the practical operation of the different local and state systems are compared. Especial attention is given to the government of Ohio. The growth of our national system is thoroughly investigated.

### General History

This subject is pursued three terms in the Second Preparatory Year.

FIRST TERM—Ancient History.

SECOND TERM—Medieval History.

THIRD TERM—Modern History.

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in general, with the progress of civilization in its broader aspects. The method employed will be the text-book, references to more comprehensive works, essay-writing, map-drawing and lectures by the teacher.

### Drawing

Required in all three courses. Two hours in the studio are considered equivalent to one recitation.

## CONSPECTUS OF PREPARATORY COURSES

It will be noted that the preparatory studies for the Philosophical and Scientific courses are identical. However, in the Scientific Course, all or a part of the Latin may be substituted by an equivalent in French or German. The figure indicates the number of recitations per week.

### FIRST YEAR

#### Fall Term

CLASSICAL		PHILOSOPHICAL AND SCIENTIFIC	
Beginning Latin .....	5	Beginning Latin .....	5
U. S. History .....	5	U. S. History .....	5
Composition and Rhetoric....	5	Composition and Rhetoric....	5

#### Winter Term

Second Latin .....	5	Second Latin .....	5
U. S. History .....	5	U. S. History .....	5
Composition and Rhetoric....	5	Composition and Rhetoric ....	5

## Spring Term

Third Latin .....	5	Third Latin .....	5
Civics .....	5	Civics .....	5
English Classics .....	5	English Classics .....	5

## SECOND YEAR

## Fall Term

Caesar .....	5	Caesar .....	5
General History .....	5	General History .....	5
Freehand Drawing .....	2	Freehand Drawing .....	2
Physical Geography .....	3	Physical Geography .....	3
English Classics .....	5	English Classics .....	5

## Winter Term

Caesar .....	5	Caesar .....	5
General History .....	5	General History .....	5
Freehand Drawing .....	3	Freehand Drawing .....	3
Physical Geography .....	2	Physical Geography .....	2
English Classics .....	5	English Classics .....	5

## Spring Term

Caesar .....	5	Caesar .....	5
General History .....	5	General History .....	5
English Literature .....	5	English Literature .....	5
Algebra .....	5	Algebra .....	5

## THIRD YEAR

## Fall Term

Cicero } .....	5	Cicero } .....	5
Latin Prose } .....		Latin Prose } .....	
Physiology .....	5	Physiology .....	5
Algebra .....	5	Algebra .....	5
English Literature .....	5	English Literature .....	5

## Winter Term

Cicero } .....	5	Cicero } .....	5
Latin Prose } .....		Latin Prose } .....	
Elementary Botany .....	5	Elementary Botany .....	5
Algebra .....	5	Algebra .....	5
English Literature .....	5	English Literature .....	5

**Spring Term**

Cicero	}	-----	5	Cicero	}	-----	5
Latin Prose				Latin Prose			
Elementary Botany		-----	5	Elementary Botany		-----	5
Algebra		-----	5	Algebra		-----	5
Advanced Rhetoric		-----	5	Advanced Rhetoric		-----	5

**FOURTH YEAR****Fall Term**

Vergil and Latin Prose	5	Vergil and Latin Prose	5
Beginning Greek	5	German	5
Elementary Physics	5	Elementary Physics	5
Plane Geometry	5	Plane Geometry	5

**Winter Term**

Vergil and Latin Prose	5	Vergil and Latin Prose	5
Second Greek	5	German	5
Elementary Physics	5	Elementary Physics	5
Plane Geometry	5	Plane Geometry	5

**Spring Term**

Vergil and Latin Prose	5	Vergil and Latin Prose	5
Third Greek	5	German	5
Elementary Physics	5	Elementary Physics	5
Solid Geometry	5	Solid Geometry	5

# SUMMER SCHOOL OF OHIO UNIVERSITY, ATHENS, O.

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For 1910.....June 20-July 29.

For 1911.....June 19-July 28.

## GENERAL INFORMATION

ATTENDANCE STATISTICS—The attendance of students at the Summer School of Ohio University for the last ten years is herewith shown:

<i>Year</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
1900.....	36.....	29.....	65
1901.....	45.....	57.....	102
1902.....	110.....	128.....	238
1903.....	159.....	264.....	423
1904.....	194.....	363.....	557
1905.....	220.....	430.....	650
1906.....	207.....	449.....	656
1907.....	236.....	442.....	678
1908.....	236.....	387.....	623
1909.....	214.....	517.....	731

The figures given above do not include the number of pupils enrolled in the Training School, or the number of School Examiners, Principals, and Superintendents who attended the "Conferences in School Administration" held the next to the last week of the term.

In 1909 the students came from seventy-one counties of Ohio, and from the following states and countries: Colorado, Indiana, Kentucky, Minnesota, New York, Oklahoma, Pennsylvania, West Virginia, Brazil, and Persia.

NEEDS CONSIDERED AND COURSES OFFERED—In arranging the courses of study for the Summer School of 1910, the University has considered the needs of *all classes of teachers* and those preparing to teach. Courses are offered in many lines of college work also. Many college students who wish to strengthen themselves in various studies pertaining to their course have availed themselves of the advantages of the Summer School. About one hundred and thirty courses are offered. Teachers and others seeking review or advanced work should plan early to attend the session of 1910.

FACULTY—A Faculty of forty-three members will have charge of the instruction. Please to note that all the instructors, with few exceptions, are regularly engaged in teaching in Ohio University. Those who enroll in the Summer term are thus assured of the very best instruction the University has to offer.

SELECTED WORK—Why not examine the catalogue and determine now the course you wish to pursue, and then begin at once to work out *systematically* the studies of that course? If you are a teacher of experience, or if you have had previous collegiate or high-school training, you will doubtless be able to do at home, under our direction, some systematic reading and study.

COURSES OF STUDY—Summer School students should decide upon a regular course of study to be pursued systematically. Credits and grades from other schools should be filed with the President of the University, thus enabling the student to secure an *advance standing*. Work begun during the Summer term may be continued from year to year, and much work may be done at home, by advanced students, under the direction of the various heads of University departments. *College credit will not be given for home work. A diploma from the State Normal College should be the goal of every ambitious teacher.*

WHAT ATHENS CAN DO—Athens can easily accommodate a large number of students. At the close of the first day of the Summer term of 1909, every student had been eligibly located. Accommodations for at least 250 additional students were available.



FREE LECTURES—Arrangements have been made for a series of free lectures to be delivered in the Auditorium of the University within the period covered by the Summer term.

A GOOD SCHOOL TOWN—Athens has no saloons, but has an abundant supply of the best water in the State—at least none better. The churches, Sunday Schools, Y. M. C. A., and Y. W. C. A. all welcome the students to their services. The city is famed for its healthful climate.

SUMMER-SCHOOL ADVANTAGES—Besides having an opportunity to pursue systematically *almost any study desired*, under the direction of those regularly employed in this work, the student of the Summer School enjoys the advantages of the acquaintance, friendship, and counsel of many prominent superintendents, examiners, principals, and others who are always on the lookout for progressive, well-qualified teachers.

A TEACHERS' BUREAU—Positions aggregating *many thousands of dollars* have been secured by us for our students. The Dean of the Normal College conducts, *free of charge*, a bureau for teachers, and is always glad to aid worthy teachers in this way, and to aid superintendents in finding the best qualified teachers.

TEACHERS' CONFERENCE—At least six conferences—two hours each—will be held the fifth week. These will be led by members of the Faculty and others familiar with the working of the public schools and experienced in school methods and management.

OHIO SCHOOL LAWS—Particular attention will be given to the provisions of Ohio's *new school code*. A series of informal "talks" on some of the most interesting features of the present Ohio School Law will be given. Classes in School Administration will consider the provisions of the entire school code.

LABORATORIES, ETC.—The laboratories, museums, art studios, library, and gymnasium of the University will be accessible to students *free of charge*. The *new* gymnasium is one of the finest and best equipped buildings of the kind in Ohio. In hot weather the natatorium will have strong attraction for students.

**TEXT-BOOKS**—All text-books will be supplied at the *lowest prices possible*. Students should bring with them as many supplementary texts as convenient.

**REVIEWS**—Ample provision has been made for the needs of young teachers, and those preparing for examinations, by means of *thorough reviews* in all the studies required in city, county, and state examinations. Students preparing to teach, or preparing for any advanced examination, will find excellent opportunities at Athens.

**SPRING TERM REVIEWS**—The Spring term of Ohio University will open Monday, March 28, 1910, and close Thursday, June 16, 1910. On Monday, April 25, 1910, *new review classes* will be formed in several of the Common Branches, and in such high-school branches as may be demanded by the students entering at that time. Instruction in these subjects will be necessarily general, but as thorough as time will permit. These classes are formed for teachers and prospective teachers who are preparing for the *inevitable examination*. These classes can be entered to advantage any time prior to May 31st, 1910. Only a *just portion* of the usual term fee of \$6 will be charged students who enter at the time of the forming of these special classes or later. To those who enter about April 25, 1910, and continue through the Summer School, a fee of but \$6.00 will be charged for the fourteen weeks. If demand is sufficiently strong, review classes *may* be formed in Plane Geometry, Elementary Algebra, Elementary Physics, Latin, and some other subjects in addition to the elementary subjects named above.

## GENERAL INFORMATION

**PRIMARY TEACHERS**—Special attention is called to the fact that the Training School, or Model School, will be in session during the Summer term. In this school emphasis is placed upon the training of primary teachers. Almost every teacher in the rural schools has primary classes to instruct. City teachers will also find this course especially valuable. Every teacher of the rural schools will have an opportunity to receive instruc-

tion in the best methods of teaching as applied to primary schools.

EXPENSES—No tuition will be charged. The registration fee of \$3.00 will entitle students to all the privileges of the University, save special instruction in private classes. Boarding in clubs, per week, costs from \$2.25 to \$2.50, and at Women's Hall, \$2.50; room and board, \$3.50 to \$3.75. A student may attend the Summer School of six weeks and pay all expenses, except the railroad fare, on from \$25.00 to \$30.00.

AMPLE ACCOMMODATIONS—No school town can offer better accommodations at more reasonable prices than Athens. Nicely furnished rooms, in private houses, *convenient to the University*, may be rented for \$1.00 a week, including light, bedding, fuel, towels, and everything needed by the roomer. This rate is given where two students occupy the same room. If occupied by one student, such rooms usually rent for \$1.25 a week. It is safe to say that four-fifths of the rooms rented to students are rented from \$0.75 to \$1.00 each per week.

WOMEN'S HALL AND BOYD HALL—These two buildings will accommodate about 180 women students. They are owned by the University and the rooms are of good size and well furnished. Students securing quarters here will pay from \$3.50 to \$3.75 per week for board and lodging. Students wishing rooms in these buildings should engage them in advance. Such rooms will be in demand. Write to the Dean of Boyd Hall or the Dean of Women's Hall. Students who do not wish to engage rooms in advance will experience no trouble in getting *promptly located*. Eight hundred students can find desirable accommodations in Athens.

SCHEDULE OF RECITATIONS—The following schedule of recitations enables one to see the wide range of subjects, and also make it possible for the prospective student to arrange his program before he reaches Athens. The figures after the subject indicate the number of recitations a week. It must be remembered that no student will be allowed to register for advanced work in more than two or three subjects, for no one is allowed more than 120 hours of credit. Of course, in subjects

for which credit is not given, such as elementary review subjects, a student may take more than two or three courses. However, after a long experience the University authorities have come to the conclusion that the student who confines his attention to two or three courses will get the most benefit from the Summer School.

## SCHEDULE OF RECITATIONS OF THE SUMMER SCHOOL OF OHIO UNIVERSITY

June 20, 1910, to July 29, 1910

(The figures in parenthesis indicate the number of recitations per week.)

### 7:00 A. M.

Ray's Higher Arithmetic, Section 1.....	(5)
First Term Physics.....	(5)
Paidology—Childhood .....	(5)
Zoology, Collegiate, Laboratory, Mon., Tues., and Wed....	(3)
Qualitative Analysis, Second Term.....	(5)
History of Education.....	(5)
Vergil .....	(5)
Milne's Practical Arithmetic.....	(5)
Public-School Drawing, First Term.....	(5)
English Poetry.....	(5)
General History, Preparatory.....	(5)
Elementary Agriculture, Collegiate.....	(5)
Beginning French.....	(5)

### 7:50 A. M.

English Literature, Preparatory, Section 1.....	(5)
First Term Algebra.....	(5)
Zoology, Collegiate, Laboratory, Mon., Tues., and Wed....	(3)
First Term Chemistry.....	(6)
Advanced French.....	(5)

Principles of Teaching.....	(5)
Public-School Drawing, First Term.....	(5)
Advanced Typewriting.....	(5)
Paidology—Adolescence .....	(5)
Elementary Course of Study.....	(5)
Literature for the Primary Grades.....	(5)
Second Term Latin.....	(5)
Advanced Preparatory Rhetoric.....	(5)
Advanced Physics.....	(5)
Constitutional History, Collegiate.....	(5)
Teaching .....	

## 8:40—9:00 A. M., Chapel

## 9:00 A. M.

School Administration and School Law.....	(5)
Methods of Teaching History.....	(5)
Second Term Algebra.....	(5)
Third Term Algebra.....	(5)
Elementary Physics—Laboratory.....	(5)
United States History, Review.....	(5)
Elementary Psychology.....	(5)
Nature Study—Laboratory, Saturday.....	(1)
Sociology .....	(5)
Advanced German.....	(5)
Cæsar .....	(5)
First Accounting.....	(5)
Experimental Physiology.....	(5)
Advanced Grammar.....	(5)
Public-School Drawing, Second Term.....	(5)
Tennyson .....	(5)
American Literature, Preparatory.....	(5)
Manual Training.....	(5)
Music in Training School.....	
Teaching .....	
Drawing in the Training School.....	

## 9:50 A. M.

Cicero de Senectute et de Amicitia.....	(5)
Plane Geometry.....	(5)
Elementary Physics—Laboratory.....	(5)
Nature Study—Laboratory, Saturday.....	(1)
Teachers' Course in Physiology.....	(5)
Organic Chemistry.....	(5)
Grammar, Reed and Kellogg, Section I.....	(5)
Principles of Education.....	(5)
Conferences on Primary Methods for Graded and Ungraded Schools .....	(5)
Second Accounting.....	(5)
Methods of Teaching Geography, Collegiate.....	(5)
Political Economy, Collegiate.....	(5)
Elementary Botany.....	(5)
Manual Training.....	(5)
Penmanship .....	(5)
Music in Training School.....	
Teaching .....	
Public-School Drawing, Third Term.....	(5)
Public-School, Second Term.....	(5)

## 10:50 A. M.

School Management and School Law.....	(5)
Physical Geography.....	(5)
Solid Geometry .....	(5)
Elementary Physics—Laboratory.....	(5)
Electrical and Magnetic Calculations.....	(5)
United States History, Collegiate.....	(5)
Advanced Psychology.....	(5)
Qualitative Analysis, First Term.....	(5)
Beginning German.....	(5)
Cicero's Orations.....	(5)
Hand Work, Normal College.....	(5)
Typewriting 1.....	(5)
Manual Training.....	(5)



Choral Class.....	(5)
Penmanship .....	(5)
Public-School Drawing, Third Term.....	(5)

## 1:30 P. M.

English Literature, Preparatory Section II.....	(5)
Plane Trigonometry.....	(5)
Second Term Physics.....	(5)
College, Botany, Monday, Tuesday.....	(2)
College Botany—Laboratory, Wed., Thurs., Friday.....	(3)
Beginning Latin.....	(5)
Commercial Law.....	(5)
Methods in School Music.....	(5)
Stenography I.....	(5)
European History, Collegiate.....	(5)
American Literature, General Review, Preparatory.....	(5)
Mechanical Drawing.....	
Hand Work, Normal College.....	(5)
Methods of Teaching Grammar.....	(3)

## 2:20 P. M.

Beginning Rhetoric.....	(5)
Fourth Term Algebra.....	(5)
Advanced Physics—Laboratory.....	(5)
College Botany—Laboratory, Wed., Thurs., Friday.....	(3)
Nature Study.....	(4)
Zoology, Thursday, Friday.....	(2)
Chemical Laboratory, Mon., Tues., Wed., Thurs.....	(4)
Grammar, Reed & Kellogg, Section II.....	(5)
Stenography II.....	(5)
Primary Methods for Graded Schools and Conferences....	(5)
Primary Methods for Ungraded Schools and Conferences..	(5)
Theory and Sight Reading—Beginners' Class in Vocal Music .....	(3)
Advanced Geography.....	(5)
Mechanical Drawing.....	

School Drawing.....	
Methods of Instruction—Reading and Language.....	(5)

**3:10 P. M.**

European History, Collegiate.....	(5)
Ray's Higher Arithmetic, Section II.....	(5)
Ohio History, Collegiate.....	(5)
Advanced Physics—Laboratory.....	(5)
Electrical Catechism.....	(5)
Second Term Chemistry.....	(5)
Ethics .....	(5)
Theory and Sight Reading—Advanced Class in Vocal Music.	(3)
American Poetry, Collegiate.....	(5)
School Drawing.....	
Schoolmasters' Conferences, 3:10 to 5:00 o'clock P. M., fifth week, and Saturday, 9:00 to 10:30 o'clock A. M.	

**4:00 P. M.**

Methods of Teaching Arithmetic, Grammar Grades, Collegiate .....	(2)
Overflow and Additional Classes will be scheduled at this hour.	

OTHER BRANCHES—Arrangements can be made by students attending the Summer term for *private lessons* in Greek, Latin, German, French, Spanish, Psychology, Pedagogy, Voice Culture, Piano, Organ, Violin, Higher Mathematics, Philosophy, Elocution, and other branches scheduled in any of the University courses. The cost of such instruction, in each branch, *will not exceed \$0.60 per lesson*. Inasmuch as the work offered in the regular classes of the Summer School covers so wide a range of subjects, it will be, in most cases, a matter of election on the part of students if they take private instead of class instruction.

**ALUMNI DEPARTMENT**

CLEMENT L. MARTZOLFF, B. PED., *Secretary.*

At the annual meeting of the Board of Trustees of Ohio University, in June, 1906, the office of Alumni Secretary was created. The object of this department is to assist in the work of the Alumni Association, to organize clubs of alumni and former students, to secure data concerning the history and the alumni of the University, and to publish bulletins from time to time denoting the progress made.

Of the six hundred and seventy-five persons who have received the Bachelor's Degree, less than twenty have not been accounted for. The Alumni Bulletin for 1910 is now in preparation and it will contain the following features:

A verified list of all living alumni.

An unverified list of alumni.

Biographical sketches of the "semi-centennial" class (1860).

Biographical sketches of those alumni who died during the year 1909.

List of graduates from the State Normal College.

As the work in the department becomes more organized it is the intention to add other features to these publications and eventually to publish a complete Alumni Catalogue and History of the University.

**GENERAL ALUMNI ASSOCIATION****Officers**

*President*, E. D. SAYRE, '88.

*Vice-President*, S. L. McCUNE, '96.

*Secretary*, C. L. MARTZOLFF, '07.

*Treasurer*, W. B. LAWRENCE, '92.

**Executive Committee**

L. G. WORSTELL, '88.

H. R. WILSON, '96.

W. B. LAWRENCE, '92.

C. M. COPELAND, '96.

### Constitution

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ART. II. The officers of the Association shall be a President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ART. III. The annual meetings of this Association shall be held in connection with the Commencement exercises of the University.

ART. IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ART. V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ART. VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ART. VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.

### THE OHIO UNIVERSITY ALUMNI ASSOCIATION OF PITTSBURG

(ORGANIZED IN 1906)

*President,* CALVIN B. HUMPHREY, '88.

131 Riverside Drive, New York City.

*Secretary-Treasurer,* DR. NEWMAN H. BENNETT, '99.,

1908 Carson St., Pittsburg, Pa.

**THE OHIO UNIVERSITY ALUMNI ASSOCIATION OF  
COLUMBUS**

(ORGANIZED IN 1909)

*President*, MRS. MARY E. LEE, '04..... Westerville, Ohio.*Secretary*, FLOYD S. CROOKS, '06.

State Auditor's Office, Columbus, Ohio.

**THE OHIO UNIVERSITY ALUMNI ASSOCIATION OF  
SOUTHERN OHIO**

(ORGANIZED IN 1910)

*President*, JOHN M. DAVIS, '73.....Rio Grande, Ohio.*Secretary*, FRED E. C. KIRKENDALL, '93.....Chillicothe, Ohio.

# OHIO UNIVERSITY

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## DEGREES, DIPLOMAS, AND CERTIFICATES

June 18, 1908

### A. B.

Adams, John William.....	Johnstown
Harter, Elizabeth .....	Marietta
Humphrey, Sara Clare.....	Ironton

### Ph. B.

Coultrap, Bernice Hughes.....	McArthur
Coultrap, Don C.....	Athens
Henke, Heber Hunt.....	Athens
Johnson, Aldis Adelbert.....	Farmdale
Johnson, Frank Leander.....	Cortland
Matheny, William Alderman.....	Athens
Nice, Leonard Blaine.....	Athens
Parks, George Crawford.....	Hopedale
Rowles, Ethel Ellen.....	Bremen
Simon, Mary Anna.....	Piqua
Stine, Oscar Clemen.....	Glouster

### B. S.

Lever, Henry Work.....	Loveland
Mayes, Harry Welday.....	Steubenville

### M. Ped.

Christman, George Washington.....	Murray
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**Two-Year Course in Elementary Education**

Bailey, Cora Ethlyn.....	Lilly Chapel
Buchan, Mary Lloyd.....	Mingo Junction
Campbell, Helen Martyn.....	Chagrin Falls
Davis, Madora.....	Marshfield
Davis, Theora.....	Marshfield
Edwards, Bernice C.....	Garrettsville
Hammond, Ernest.....	Milan
Hoopes, Laura May.....	Chagrin Falls
Keck, Blanche Ione.....	McArthur
McLaughlin, Emma.....	Canal Fulton
Morris, Leota Blanche.....	Harrisville
Secoy, Mary Elizabeth.....	Athens
States, Dora Alice.....	Spencerville
Voegtly, Nelle Leona.....	Hannibal

**Two-Year Course in Electrical Engineering**

Bechtol, Harvey Winfield.....	Baltic
Bemis, Arthur Sheldon.....	Aurora
Boyd, John Stanley.....	Canal Winchester
Hankison, Lewis Ellsworth.....	Lancaster
Hickle, Clyde Monroe.....	Lithopolis
McClure, Oscar Earle.....	Seaman
Michaels, Augustus Philip.....	Chillicothe
Miller, Albert Earl.....	Nellie
Patterson, Jay Robert.....	Shiloh
Raney, Estelle Coler.....	Crooksville
Shields, Buren Riley.....	Crooksville
Speer, James Eberlein.....	Bloomington
Stevenson, Arthur James.....	Kenton
Taylor, Barnett Winning.....	Hendrysburg
Walsh, Charles Leo.....	Athens
Welch, Matthew Reed.....	Burgettstown, Pa.
Wetzel, Lewis Orvel.....	Carrollton
Williamson, Samuel Alpha.....	Amanda
Witherspoon, Guy Holliday.....	McArthur

**Two-Year Course in Civil Engineering**

Adams, Karl Langdon.....	Cincinnati
Beckler, Charles Rudolph.....	Athens
Bibbee, Elijah Clinton.....	Letart Falls
Crisp, Raymond George.....	Akron
Crow, Herman G.....	Madison Mills
Warren, James Pratt.....	Athens

**Diplomas in Piano and Harmony**

Carpenter, Aileen Clare.....	Athens
Coates, Anna Pearl.....	Nelsonville
Humphrey, Sara Clare.....	Ironton
McCleery, Nelle Fern.....	Basil
Thompson, Catherine.....	Chauncey

**Diplomas in Public School Music**

Hauschildt, Lillian Mabel.....	Piqua
King, Elizabeth Eulalie.....	Glouster
Thompson, Catherine.....	Chauncey

**Certificate of Proficiency in Accounting, Stenography and  
Typewriting**

Emma R. Battin	Garnet Gertrude Bingham	Flo Lax
Theodore Arthur Niggemeyer	Madeline Schaeffler	

**Certificate of Proficiency in Stenography and Typewriting**

Helen Maud Bishop, Stella May Martin, Cordelia Smith,  
Frank Howard Hamilton, Golden Ercell Pennell, Lulu Gertrude  
Smith, Mayme Hannah Swanson, Nelle Charlotte McLean,  
Helen Louise Raley, Hester Sarelda Swanson.

### Certificates of Proficiency in Accounting

Laura Eliza Allard, Charles Owen Diggs, Walter Jean Harper, Arthur Lee Moler, Matthew Reed Welch, Allena May Brookins, Florance D. Forsyth, Heber Hunt Henke, Hugh Whiteford Parks, William Ransom Cable, Lewis Ellsworth Hankison, William Walter Lee, Robert John Studor, Lewis Orvel Wetzell.

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### DEGREES, DIPLOMAS, AND CERTIFICATES

June 24, 1909

#### A. B.

Chappelear, Mary Laurette Burdsal.....	Athens
Cromer, Horace Emerson.....	Springfield
Evans, Rhys David.....	Athens
Hough, Florance Harrison.....	Jamestown
Mayes, James Ray.....	Steubenville
Patterson, Lena Estelle.....	Athens

#### B. S.

Adams, Karl Langdon.....	Cincinnati
Foster, Harry Zadoc.....	Athens
Huhn, William.....	Hamden Junction
Johnson, Howard Blane.....	Plants
Porter, Frank.....	New Straitsville
Wisda, James William.....	Ney

#### Ph. B.

Alderman, William Elijah.....	Athens
Badertscher, Jacob A.....	Beaver Dam
Bailey, Elizabeth.....	New Straitsville
Bolton, Rudolph Ray.....	Mendon
Conner, Grace Bradford.....	Garrettsville

Crout, Boyd Merrill.....	Dresden
Curran, Oscar Waldo.....	Corning
Douglas, Malcolm.....	Waverly
Eaton, Edith Mildred.....	Huntington, W. Va.
Hildebrand, Frederick Byron.....	Cutler
McCorkle, Charles Edward.....	Dawson
Morgan, William Thomas.....	Maynard
Palmer, Edith.....	Athens
Roush, Helen Elizabeth.....	Athens
Thomas, George Grindley.....	Jackson
Watkins, Mary Carson.....	Athens
White, Clyde.....	New Concord

**B. Ped.**

Adams, Evelyn Lyon.....	Cincinnati
Adams, John William.....	Newark
Bailey, Cora Ethlyn.....	Lilly Chapel
Dixon, Asher Hooper.....	Tekamah, Neb.

**A. M.**

Corn, Lena Everette.....	Norman, Okla.
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**Diplomas in Elementary Education**

Collins, Frances Pauline.....	Medina
Faris, Lillie Anne.....	Lynchburg
Gross, Haidee Coral.....	West Unity
Henry, Anna Elizabeth.....	Kinsman
Herrold, Grace May.....	New Plymouth
Love, Cora Belle.....	Lockwood
Rogers, Cora May.....	Athens
Thompson, Edna Lucile.....	Solon
Wilcox, Julia Ida.....	Hudson
Wilson, Grace.....	New Martinsville, W. Va.

### Diplomas in Electrical Engineering

Cox, Clarence Clifford.....	Gillespieville
Crooks, William Henderson.....	Forest
Davis, John Bruce.....	Georgetown
Finnicum, John Lyle.....	Hopedale
Kanable, Grover Guy.....	Osceola
Hughes, George Russell.....	Key
Rader, Walter Earl.....	Blacklick
Trimble, John Henry.....	Jacobsburg

### Diplomas in Civil Engineering

Minesinger, Thomas William.....	New Cumberland, W. Va.
Morgan, Thomas Francis.....	Fort Collins, Colo.
Nye, Robert Eugene.....	Chauncey
Pidgeon, Howard A.....	Pennsville
Stewart, Charles G.....	Hockingport
Watson, Wade Trafton.....	Jelloway
Wisda, James William.....	Ney

### Diplomas from the College of Music

Alderman, Nelle Addine.....	Athens
Bowser, Ida Elizabeth.....	Columbus
Brickles, Lulu Harper.....	Athens
Driggs, Bessie Irene.....	Athens
Gamble, Sylvia Vesta.....	Athens
Krapps, Hazel L.....	Athens
Kurtz, Frank Bartlett.....	Athens
McKinstry, Mary Claire.....	Athens
Speck, Frank Richards.....	Uhrichsville
Wolfe, Forrest Eugenie.....	Athens

### Diplomas in Public School Music

Alderman, Nelle Addine.....	Athens
Brickles, Lulu Harper.....	Athens

Gamble, Sylvia Vesta.....	Athens
Jackson, Pearl M.....	Jonesboro, Ind.
Porter, Dana Dor.....	West Carlisle
Roush, Helen Elizabeth.....	Athens
Speck, Frank Richards.....	Uhrichsville

### Diplomas in Public School Drawing

Putnam, Virgene .....	Athens
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### Two-Year Collegiate Commercial Course

Bingham, Garnet Gertrude.....	Athens
Cable, William Ransom.....	Athens
Livingston, Alfred Erwin.....	Athens
Sanzenbacher, Elizabeth.....	Piqua

### Certificate of Proficiency in Accounting

Margaret Geneva Black, Mabel Lillian Carr, Howard Blane Johnson, Goldie Gay Pickering, Harry Clyde Beckley, Iva May Eddy, James Alonzo Palmer, Horton Calahan Pownall, John Henry Trimble.

### Certificate of Proficiency in Stenography and Typewriting

William Ransom Cable, Harvey Edward Cranmer, Iva May Eddy, Frances McClead, Goldie Gay Pickering, Mabel Lillian Carr, Mary Elizabeth Dixon, Helen Worth Falloon, Nellie Margaret McNutt, Besse Ella Rose, Daisy Belle Sheumaker.



# LIST OF STUDENTS

## COLLEGIATE DEPARTMENT

### POST-GRADUATE STUDENTS STUDYING FOR A DEGREE

Badertscher, Jacob A., Ph. B. ....	Beaver Dam
Boden, William Herbert, A. B. ....	Athens
Bryson, Lucy Weethee, B. S. ....	Athens
Corn, Lena Everette, B. S. ....	Norman, Okla.
De Camp, Jane Ryan, Ph. B. ....	Athens
Dixon, Asher Hooper, A. B., B. Ped. ....	Tekamah, Neb.
Martzolff, Clement Luther, B. Ped. ....	Athens
Merritt, William Schory, A. B. ....	Thurston
Moore, Mary Ellen, A. B. ....	Athens
Simon, Mary Anna, Ph. B. ....	Piqua
Skinner, Beverly Oden, A. B. ....	Athens
Street, Mildred Ardelle, A. B. ....	Wilmington

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### CLASS OF 1909

Adams, Evelyn Lyon .....	Cincinnati
Adams, John William .....	Newark
Adams, Karl Langdon .....	Cincinnati
Alderman, William Elijah .....	Athens
Badertscher, Jacob A. ....	Beaver Dam
Bailey, Cora Ethlyn .....	Lily Chapel
Bailey, Elizabeth .....	New Straitsville
Bolton, Rudolph Ray .....	Mendon
Chappelear, Mary Laurette Burdsal .....	Athens
Conner, Grace Bradford .....	Garrettsville
Cromer, Horace Emerson .....	Springfield
Crout, Boyd Merrill .....	Dresden
Curran, Oscar Waldo .....	Corning
Dixon, Asher Hooper .....	Tekamah, Neb.
Douglas, Malcolm .....	Waverly
Eaton, Edith Mildred .....	Huntington, W. Va.
Evans, Rhys David .....	Athens

Foster, Harry Zadoc .....	Athens
Hildebrand, Frederick Byron .....	Cutler
Hough, Florance Harrison .....	Jamestown
Huhn, William .....	McArthur
Johnson, Howard Blane .....	Plants
McCorkle, Charles Edward .....	Dawson
Mayes, James Ray .....	Steubenville
Morgan, William Thomas .....	Athens
Palmer, Edith .....	Athens
Patterson, Lena Estelle .....	Athens
Porter, Frank .....	New Straitsville
Roush, Helen Elizabeth .....	Athens
Thomas, George Grindley .....	Jackson
Watkins, Mary Carson .....	Athens
White, Clyde .....	New Concord
Wisda, James William .....	Ney

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### SENIORS

Allen, Walter Osman .....	New Plymouth
Andrew, Lou Edna .....	Cincinnati
Bean, Cecil Calvert .....	Athens
Bohrer, Jay Verne .....	Toledo
Cash, Hamilton La Rue .....	New Marshfield
Cherrington, Harold Edgar .....	Alice
Cooley, Calla Ernestine .....	Athens
Cooper, David Miller .....	Athens
Cromer, Horace Emerson, A. B. ....	Springfield
Cromer, Paul Eli .....	Springfield
Dunkle, Herbert Bothwell .....	Athens
Grady, William Earl .....	Nelsonville
Hammond, Ernest .....	Milan
Hayden, Charles Ernest .....	Nelsonville
Jackson, Otho Carr, A. B. ....	Nelsonville
Johnson, Helen Almarine .....	Nelsonville
Jones, Evan Johnson .....	Athens
Kerr, Paul Bentley .....	Hicksville
Kurtz, Frank Bartlett .....	Athens
Lindsay, Madge .....	Bridgeport
Lively, Ora Clyde .....	Wellston
Livingston, Alfred Erwin .....	Athens
Melick, Clark Owen .....	Axline
Perkins, Ione Marie .....	McArthur
Richmond, Winifred Vanderbilt .....	New Marshfield
Stewart, Charles G. ....	Hockingport
Tuttle, Harley Angelo .....	Diamond

Walls, Louise King .....	Athens
Williamson, Charles Owen .....	Lancaster
Wood, Leland Samuel' .....	Andover

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## JUNIORS

Andrews, Adda May .....	Glouster
Baker, Helen Weber .....	Zanesville
Barnes, Bernice Belle .....	Bowerston
Bean, Leo Chapman .....	Gallipolis
Bechtol, Harvey Winfield .....	Baltic
Bingham, Garnet Gertrude .....	Athens
Bishop, Homer Guy .....	Athens
Blackstone, Alva E. ....	Cumberland
Boelzner, Wilhelmina Rosina .....	Athens
Cable, Will Ransom .....	Athens
Cheeseman, Redick C. ....	Grove City, Pa.
Connett, Mary .....	Athens
Cosler, Marie Shank .....	Dayton
Coultrap, Manley Lawrence .....	McArthur
Cronacher, Edith Lillian .....	Ironton
Deputy, Mary Lee .....	Springfield
Eaton, Mary Jane .....	Circleville
Erf, George Arthur .....	Monroeville
Finsterwald, Fredia .....	Athens
Flegal, Edna Elizabeth .....	Zanesville
Forsyth, Florance D. ....	Monongahela, Pa.
Guy, Willard Arthur .....	Athens
Howell, Mabel Roxy .....	McArthur
Jacobs, Arlington Brazil Cole .....	Lexington
Junod, Grace Marie .....	Athens
Keck, Garnet Grace .....	McArthur
Long, James Arthur .....	Washington C. H.
McCorkle, Walter Ellsworth .....	Dawson
Miller, Ernest Carl .....	Lorain
Miller, Harry Percy .....	Cincinnati
Miller, Orla Glen .....	Athens
Mitchell, Eva Louise .....	Pt. Pleasant, W. Va.
Moody, Victoria .....	Bartlett
Morris, Leota Blanche .....	Harrisville
Pond, Walter Allen .....	Athens
Portz, Edward .....	Newcomerstown
Putnam, Harriet Lamb .....	Athens
Putnam, Virgene .....	Athens
Sanzenbacher, Elizabeth .....	Piqua
Shupe, Lloyd Merle .....	Amanda
Tewksbury, Carl Logan .....	Blanchester

White, Clyde Lawrence .....	Coolville
White, Robert Lee .....	Fairmont, Ill.
Wilkes, Ernest Constantine .....	Athens
Yaw, Otto Virgil .....	Glouster

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## SOPHOMORES

Aber, Nina Conner .....	Toronto
Alspach, Jesse D. ....	Canal Winchester
Armstrong, Lyman Walter .....	Bellville
Ashton, Mary Maud .....	Reynoldsburg
Atkinson, Zella Fern .....	Zanesville
Ayers, Helen Florence .....	Gambier
Baker, Mary Emaline .....	Athens
Bandy, Elgie Le Roy .....	Alliance
Batterson, Iva Pearl .....	Bryan
Beckley, Harry Clyde .....	McArthur
Blythe, Donald Rukenbrod .....	Carrollton
Bower, Allen McClellan .....	Coshocton
Boyd, Bert Dennis .....	Canal Winchester
Brickles, Lulu Harper .....	Athens
Brown, Mary Isabella .....	Caldwell
Buchanan, Edith Amanda .....	Basil
Carpenter, Franklin Clyde .....	Athens
Clemmer, John Hugh .....	Hicksville
Collins, Frances Pauline .....	Medina
Collins, Jacob Roland .....	Athens
Connett, Loring George .....	Athens
Connett, Raymond Wendell .....	Athens
Coovert, Edward Alexander .....	Eldorado
Copeland, Edna Florence .....	Athens
Cranmer, Harvey Edward .....	Athens
Cusic, Howard Lupton .....	Martins Ferry
Danford, Marian Blanche .....	McConnelsville
Dickerson, Harlan Jewett .....	South Zanesville
Dye, Marian Rebecca .....	Hamden Junction
Edwards, Mary Ethel .....	Syracuse
Elson, Delma Viola .....	Athens
Elson, Harold Altair .....	Athens
Farquhar, Winonia Josephine .....	Gambier
Finnicum, John Lyle .....	Hopedale
Fischer, Harry Everett .....	Highland
Flegal, Margaret Catherine .....	Zanesville
Flesher, Orion Herbert .....	Middleport
Gibson, Bessie Irene .....	Amesville
Glenn, Hazel Mary .....	Gallipolis

Goldsworthy, John .....	Glouster
Gorslene, Bessie Mabel .....	Athens
Griner, Harry Garfield .....	Amanda
Halbirt, Earl W. ....	Canaanville
Halbirt, Lucy Keturah .....	Canaanville
Hauschildt, Lillian Mabel .....	Piqua
Helfrich, John Wert .....	Carrollton
Henry, Virgene Woodworth .....	Athens
Hickman, Florence May .....	Nelsonville
Hughes, Milton De La Haye .....	Monroeville
Johnson, Elizabeth Carlisle .....	Marietta
Kahler, Margaret Katherine .....	Conneaut
Keck, Olive Millicent .....	McArthur
Kenney, Ralph Clinton .....	Athens
Kerr, De Witt Culler .....	Hicksville
Knowlton, Cora Belle .....	Athens
Koons, Herbert Nelson .....	Athens
Lancaster, Hubert Ernest .....	Nelsonville
Langenberg, Fred Charles .....	Beverly
Lapp, Paul George .....	Bucyrus
Le Roy, Verne Emery .....	Athens
Lenhart, Katherine Elizabeth .....	Welchfield
Lenhart, Vinton Raymond .....	Coshocton
Love, Arthur .....	Athens
McBee, Harry Brunker .....	Athens
McGuire, Zoia .....	Marion
McLean, Mary Elizabeth .....	East Liverpool
McNaughton, Birdie Lillie .....	Brecksville
McVay, Frances Halbert .....	Beverly
McWilliams, Edward Nevin .....	Cleveland
Mast, Earl Leroy .....	Zanesville
Merrin, Anna Gladys .....	Mt. Vernon
Meyers, Effie Pearl .....	Amanda
Miller, Dorothy DeVore .....	Mingo
Minesinger, Thomas William .....	New Cumberland, W. Va.
Moler, Arthur Lee .....	Athens
Morgan, Thomas Francis .....	Fort Collins, Colo.
Morton, Helen Winifred .....	Ironton
Murphy, Elizabeth Ann .....	Higginsport
Myers, Jay Arthur .....	Athens
Myers, Nina Nadine .....	Baltimore
Nesbitt, Margaret .....	Bellaire
Nessler, Sidney Louis .....	Sidney
Nye, Robert Eugene .....	Chauncey
Ogan, Louise .....	McArthur
Palmer, Frank Harlan .....	Glenford
Palmer, John Alonzo .....	Athens
Parks, Hugh Whiteford .....	Hopedale

Pidgeon, Howard A. ....	Pennsville
Ploeger, Gertrude .....	Cleveland
Plummer, Florence .....	Williamsport
Powell, Mary Annette .....	Sonora
Powers, Grace Sheldon .....	Hudson
Pownall, Horton Calahan .....	Pomeroy
Reed, Hazel Baker .....	Uhrichsville
Ridenour, Clarence Ray .....	New Lexington
Ridenour, Harry Lee .....	New Lexington
Rigby, Hazel Elizabeth .....	East Liverpool
Roach, Louise .....	Athens
Robinson, Anna Elizabeth .....	Newark
Rogers, Cora May .....	Athens
Rogers, Mary Geraldine .....	Shelby
Rose, Reed Phillips .....	Athens
Russell, John Edgar .....	South Burgettstown, Pa.
Secoy, Mary Elizabeth .....	Athens
Shilliday, Clarence Lee .....	New Milford
Silvus, William Green .....	Athens
Snow, Charlotte Louise .....	Brecksville
Soule, Mary Minnie .....	Wilkesville
Speck, Austa Belle .....	Uhrichsville
Speck, Frank Richards .....	Uhrichsville
States, Dora Alice .....	Spencerville
Stewart, Mabel Emma .....	Canisteo, N. Y.
Stout, Orin Clark .....	Stoutsville
Sutherland, Marguerite Gow Henderson ..	Warren
Taylor, Barnett Winning .....	Hendrysburg
Taylor, Mason Elijah .....	Jamestown
Teeling, Rudy Bell .....	Millersburg
Thompson, Eugene Franklin .....	Nelsonville
Todd, Hazel Estella .....	Warren
Ullom, Charlotte Devol .....	Athens
Van Dyke, Stella May .....	Athens
Voegtly, Nelle Leona .....	Hannibal
Voigt, Eugene John .....	Holgate
Walls, Callie King .....	Athens
Warren Samuel Cyrus .....	Athens
Watson, Carrie Edith .....	Belleville
Watson, Wade Trafton .....	Jelloway
Weisenberger, Leo Lewis .....	McArthur
Wheaton, Fred Shepper .....	Athens
White, Alexander Paul .....	Fairmont, Ill.
Williams, Rees Edgar .....	Glouster
Winn, Grace .....	New Martinsville, W. Va.
Winn, Mabel Elizabeth .....	Rutland
Wolfe, Blanche Philene .....	Athens



## FRESHMEN

Achar, James Harvey .....	Toronto
Adamson, Anna Isabella .....	Nelsonville
Alderman, Nelle Addine .....	Athens
Alkire, Abraham Ross .....	Mt. Sterling
Anderson, Margaret Risk .....	Youngstown
Anderson, Mary Emma .....	Portsmouth
Arnold, Ethel .....	Youngstown
Artherholt, Floy Frances .....	Garrettsville
Ashbaugh, Robert Paul .....	Bremen
Bailey, Clyde Martin .....	Waterford
Baker, George Krauth .....	Zanesville
Baker, Julia .....	Zanesville
Baldwin, Harley Eugene .....	Cortland
Bartlett, Gertrude .....	Waterford
Bash, Edwin Wallace .....	White Cottage
Beatty, Anna Isabel .....	Youngstown
Beelman, Letha Elnora .....	Chicago, O.
Blake, Mary Rebecca .....	Nelsonville
Blythe, Roy Rukenbrod .....	Carrollton
Boneysteele, Park L. ....	Bellaire
Boyd, Ethel Jennette .....	East Liverpool
Broome, Clifford Ernest .....	New London
Buch, Caroline Mary Ella .....	Massillon
Buchanan, James William .....	Basil
Burgy, Florence Dolly .....	Zanesville
Burnett, Nina Marie .....	Sabina
Cable, Julia Luella .....	Athens
Campbell, Edna V. ....	Athens
Carpenter, Aileen Clare .....	Athens
Carpenter, Edith Marie .....	Athens
Carr, Mabel Lillian .....	Wellston
Case, John Gail .....	Croton
Cheeseman, Franklin Prime .....	Slippery Rock, Pa.
Cheffy, Windsor Howard .....	Barnesville
Chrisman, Oscie Dru .....	Athens
Clark, William Allen .....	Junction City
Comstock, Joseph Hooker .....	Athens
Copeland, Anna Charlotte .....	Athens
Crandon, Estelle Margaret .....	Niles
Crisenberry, Minnie Ethel .....	Mt. Gilead
Crisenberry, Virginia May .....	Cardington
Crooks, William Henderson .....	Forest
Crumit, Frank Poore .....	Jackson
Davidson, Marie .....	Athens
Davis, Franklin Armitage .....	Athens
Davis, George Bruce .....	Georgetown
Davis, Margaret .....	Wellston

Dickson, John Bernard .....	Athens
Dixon, Mary Elizabeth .....	Orwell
Donley, Vance .....	Cleveland
Donzy, Frederick William .....	Weston
Dover, Kate .....	McConnelsville
Dunlap, Howard Leroy .....	Flushing
Dutnell, Isabella Louisa .....	North Ridgeville
Eaton, Clara Virginia .....	East Palestine
Eldridge, Anna Elizabeth .....	Cutler
Evans, Mary .....	Athens
Fawcett, Marshall Lee .....	Rushsylvania
Fent, Homer .....	Mendon
Ferrell, Carl Kenneth .....	Zanesville
Flood, John William .....	Rushville
Foley, Winthrop Edwin .....	Beverly, Mass.
Fulwider, Robert Lester .....	Athens
Gage, Edith Olga .....	Cutler
Gibson, Clyde Owen .....	Amesville
Gifford, Clara May .....	Beckett
Gill, Myrtle Eulalie .....	Youngstown
Gillilan, Paul McVay .....	Salt Lake, Utah
Glazier, Myron Selby .....	Amesville
Gray, Margaret H. ....	McConnelsville
Gross, Haidee Coral .....	West Unity
Hanna, Mary Isabel .....	Cadiz
Hare, Marcus La Fayette .....	Fincastle
Hartford, Margaret Belle .....	East Palestine
Hartford, William Addison .....	Toronto
Hayes, Clara Genevieve .....	Athens
Henry, Anna Elizabeth .....	Kinsman
Herrold, Grace May .....	New Plymouth
Hickox, Jay Gilmore .....	Novelty
Hochart, Kathleen Marin .....	Cleveland
Hoisington, Ned Phillips .....	Amesville
Hoover, Ira Morrison .....	Ashville
Horton, Frank Oscar .....	Athens
Housel, Clay De Witt .....	Mogadore
Hughes, Alonzo Bayard .....	Key
Hughes, George Russell .....	Key
Hustis, Harold Milton .....	Brinckerhoff, N. Y.
Jackson, Pearl M. ....	Jonesboro, Ind.
Jasinsky, Dorca Lloyd .....	Rushsylvania
Jones, Roger Johnson .....	Athens
Kaler, George Rannells .....	Athens
Kanable, Grover Guy .....	Osceola
Kelley, Charles Gerald .....	McArthur
Kelley, Margaret Beatrice .....	Freeport
Kilbury, Levi Earl .....	West Jefferson

King, John .....	Newark
Kinsey, Alice Edith .....	Mt. Pleasant
Knight, Charles Kelley .....	Athens
Lantz, Dena Merle .....	McArthur
Lantz, Purle Frances .....	McArthur
Lash, Mayme Belle .....	Athens
Lee, Estella Clarissa .....	Athens
Lewis, Ralph Amos .....	Sabina
Leyda, Mabel Irene .....	Cutler
Licht, Paul Victor .....	East Palestine
Love, Cora Belle .....	Lockwood
Ludlow, Doris .....	Piqua
McCombs, Mamie .....	Youngstown
McFarland, Anne Campbell .....	Warren
McFarland, Heber .....	Center Belpre
McKee, Helen Josephine .....	Caldwell
McKinstry, Mary Claire .....	Athens
McMillan, Mary Edith .....	Youngstown
McNamara, Catherine Torrence .....	Jackson
McWilliams, Oliver Kent .....	Cleveland
Martin, Neil McCune .....	Columbus
Matheny, Clarence Albert .....	Athens
Mengert, Laura Reinhard .....	Lexington
Merrin, Ruth Evelyn .....	Mt. Vernon
Micklethwaite, Gilbert Richard .....	Portsmouth
Miesse, Florence Marguerite .....	Chillicothe
Miller, Earl Augustus .....	Athens
Miller, Marie Elizabeth .....	Piqua
Miller, Rev Whittaker .....	New Paris
Moore, Sylvia .....	Athens
Morton, Robert Lee .....	Brownsville
Myers, Oral Hunton .....	Lancaster
Nier, Norma Martha .....	Sandusky
Nutting, Harold Le Grand .....	Malta
Nutting, Raymond James .....	Malta
Pake, Edward Howe .....	Bainbridge
Palmer, Raymond Lee .....	Pataskala
Parker, Leone .....	Huron
Parker, Sidney Lester .....	Athens
Patterson, Charles Reif .....	Piketon
Perkins, Will M. .....	McArthur
Phillips, Mary Leah .....	Athens
Pickering, Goldie Gay .....	Athens
Pickett, Florence Elizabeth .....	Athens
Porter, Bessie Maude .....	West Carlisle
Portz, Warren Philip .....	Newcomerstown
Price, Marie Louise .....	Athens
Prindle, Ellen .....	Youngstown

Prine, Maud Harriet .....	Ashtabula
Pugh, Orren Lamar .....	Shreveport, La.
Rader, Walter Earl .....	Pataskala
Reid, Alice Averre .....	Martins Ferry
Reinhold, Harry Edmont .....	New Philadelphia
Richards, John Conrad .....	Carrollton
Ricketts, Carrie Edith .....	Sugar Grove
Robinson, Ward Williamson .....	Bellville
Roley, Ray De Witt .....	Basil
Scott, Nelle Rutledge .....	Athens
Shaddock, Edith Leanna .....	Vermilion
Shane, Florence Winona .....	Steubenville
Sherman, George Leslie .....	Athens
Shively, Harold Hastings .....	McArthur
Sibley, Hiram Ellis .....	Gallipolis
Simpson, Beatrice Lorena .....	Little Hocking
Smith, Albert Truman .....	Big Plain
Springer, Emmett Vance .....	Richmonddale
Squier, Ermine Inez .....	Youngstown
Stailey, Charles Elmo .....	Athens
Starkey, Edith Belle .....	New Lexington
Starr, Dano Elmer .....	Athens
Stine, Wilmer Everett .....	Santoy
Stoll, Norma Anna .....	Sandusky
Stout, Percy Ray .....	Stoutsville
Stowe, Reba E. ....	Highland
Stracke, Nellie Mary Catherine .....	Logan
Strait, Noyce Worstall .....	Zanesville
Strickland, Vida Rosella .....	Youngstown
Stringfellow, Emma Abigail .....	Gallipolis
Studer, Robert John .....	Athens
Stump, James Leonard .....	Frazesburg
Swinehart, Chester .....	Rushville
Talbot, John Sherman .....	Beverly
Taylor, Eunice Loa .....	McArthur
Teeters, Ruth Charlene .....	Washington C. H.
Tellier, Laurence Stuart .....	Naples, N. Y.
Thomas, Emmett Lorin .....	Gallipolis
Thorpe, Eva Marie .....	Caldwell
Tidd, Harland Owen .....	Williamsfield
Timmerman, Warren Gust .....	Oak Harbor
Townsend, Arthur Jean .....	New Philadelphia
Treudley, Ruth .....	Athens
Trimble, John Henry .....	Jacobsburg
Van Dorn, Olive J. ....	Pataskala
Van Dyke Ralph Arthur .....	Athens
Van Gundy, Clarence William .....	Chillicothe

Vandervort, Clara Edna .....	Jamestown
Verwohlt, Clarence Herman .....	Tiltons ville
Wakeman, Ruth Estelle .....	Oberlin
Ward, Erwin John Boyd .....	Perrysburg
Wasley, Stuart Johnson .....	Bristol, Conn.
Watson, Archie Milton .....	Thurston
Welday, Samuel Oliver .....	Bloomington
Wenrick, Key Elizabeth .....	Canton
West, Flora Kathleen .....	Bainbridge
Westhafer, Ella Virginia .....	Uhrichsville
Whipple, Howard Everett .....	Chesterland
Wiest, Pauline Matilda .....	Mineral City
Wilcox, Julia Ida .....	Hudson
Williams, Freda .....	Springfield
Williams, James Stanley .....	Gallipolis
Young, Fred M. ....	Mt. Sterling
Young, Herman H. ....	Mogadore
Zieger, Mary Althea .....	New Middletown

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### IRREGULAR AND SPECIAL STUDENTS

Allen, David Scott .....	Athens
Black, Margaret Geneva, A. B. ....	Athens
Boghossian, Leon Hovsep .....	Teheran, Persia
Boghossian, Menos Hovsep .....	Teheran, Persia
Bowen, Nellie Edith .....	Cambridge
Brisson, Mary Juanita, B. S. ....	West Gore, N. S.
Chubb, Eve Downer .....	Athens
Conner, May Sherwood, Ph. B. ....	Athens
Cook, Lewis T. ....	Deerfield
Cuckler, Minnie Luella .....	Athens
Daugherty, Mary Agnes .....	Athens
Davis, Margaret Anne .....	Clay
Davisson, Venus Marie .....	Charlestown, W. Va.
Dean, Minnie Foster .....	Athens
Dowd, Jennie Frances .....	McArthur
Fattig, Perry Wilbur .....	Bremen
Friday, Julia Zenner .....	Athens
Gardner, Grace Gertrude .....	Cardington
Gimenez, Joaquin .....	Remedios, Cuba
Gonzalez, Lorenzo .....	Trujillo, Venezuela, S. A.
Greathead, Elsie Selene .....	McConnellsburg, Pa.
Grimes, John Odus .....	Cumberland
Grubb, David Bechtel .....	Johnstown
Hasegawa, Kotaro .....	Tokio, Japan
Henderson, Jennie Jewett .....	Athens
Horsnell, Anna Mabel .....	St. Paul, Minn.

Jones, Lucy .....	Athens
Kaler, Mary Engle, Ph. B. ....	Athens
Kern, Lillian Lenore .....	Athens
Koons, Nelle Murael .....	Athens
Lapp, Hulda Lulu .....	Bucyrus
Lindley, David Howell .....	Hamilton
Lynn, Allen Blaine .....	Somerton
McVey, James Pryor .....	Athens
Merwin, Addie Tullis .....	Athens
Miller, Charles Hizey .....	Millersport
Moler, Nellie Blanche, Ph. B. ....	Athens
Moore, Stella M. ....	Athens
Morris, Mary Elizabeth .....	Youngstown
Nye, Bessie .....	Chauncey
O'Connor, Gertrude .....	Stewart
Porter, Charles Wallace .....	Washington C. H.
Richeson, John Jacob .....	Lees Creek
Stalder, Lydia .....	Athens
Stanford, Joseph Benton .....	Coshocton
Stine, Oscar Clemen .....	Glouster
Switzer, Charles Carroll .....	Athens
Taylor, Eliza Amelia .....	Brooklyn, N. Y.
Washington, Grace Helena .....	Columbus
Wiley, Nathaniel .....	Kimball, W. Va.
Wolfe, Carrie E. ....	Athens
Woo, Mun Chee .....	Canton, China
Zimand, Elizabeth Sara .....	Brooklyn, N. Y.

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#### FOURTH PREPARATORY

Alford, John Franklin .....	Bremen
Allison, Mary Elizabeth .....	Oak Hill
Anderson, Jesse Earl .....	Crooksville
Bare, Leslie Thompson .....	Hannibal
Barton, William Howard .....	Adelphi
Beam, Floyd Guyton .....	Coolville
Bean, Edgar Ellsworth .....	Athens
Blizzard, Alpheus W. ....	Baltimore
Bolton, Eric Noel .....	Youngstown
Bowles, Hal Chalfan .....	Dexter
Boyles, Anna May .....	North Lewisburg
Boyles, Ethel Vida .....	North Lewisburg
Bryan, Wylie De Camp .....	Pt. Pleasant, W. Wa.
Burrell, George Richard .....	Freeport
Cagg, Miles Herbert .....	Nelsonville
Chalmers, Jean Logan .....	Mineral City
Clouse, John Henry .....	Junction City



Crabbs, Peter Barkdull .....	Leavittsburg
De La Rue, Harry .....	Jeffersonville
Dinnsmoor, Clare Cather .....	Stewart
Dixon, Charles Gaddis .....	Hopedale
Dixon, Esther .....	Orwell
Duppstadt, Clara Belle .....	Somerset, Pa.
Fisher, Hugo Carl .....	New Bedford
Foster, Delia Maude .....	Warsaw
Fry, Lester R. ....	Mogadore
Fulwider, Albert Paul .....	Athens
Fulwilder, William Elbert .....	Athens
Gammage, Frederick Valentine .....	Kingston, Jamaica
Groves, Russell Lowell .....	Lancaster
Harris, Gail Clifford .....	Sharpsburg
Hopkins, Homer Smith .....	Marengo
Ice, Gertrude Florence .....	Glenford
Jennings, Lewis Dale .....	West Cairo
Johnston, Winifred Christine .....	Farmdale
Katzenbach, Adda Lenore .....	Nelsonville
Kirby, Margaret Gertrude .....	Amsterdam
Law, Christine Elizabeth .....	Chauncey
Law, George Gun .....	Portland, Ore.
Le Roy, Bernard Reamy, Jr. ....	Athens
Liggett, Madge .....	Plain City
Lumley, Bertha .....	Rootstown
McNaughton, James Edgar .....	South Webster
McVay, Orville Clifford .....	Albany
Mechlin, Russell Horace .....	Winchester
Merritt, Kathleen Wood .....	Athens
Nixon, Ernest Leland .....	New Plymouth
O'Connor, Delia .....	Alice
Parrott, Joseph Lawrence .....	Mendon
Patterson, Anna Gail .....	Shadyside
Pavey, Howard Douglas .....	Leesburg
Porter, Mary Helen .....	Kenton
Portz, Edwin Arthur .....	Stone Creek
Portz, Ella Clare .....	Newcomerstown
Powell, Newman Minnich .....	Sonora
Preston, Fred Dix .....	Athens
Rambo, Florence Marie .....	Zanesville
Robinett, Maude Grace .....	Albany
Roome, Elizabeth .....	Sistersville, W. Va.
Sharp, Mary .....	McArthur
Smith, Carl Cleveland .....	Cadiz
Smith, Roy Wilfred .....	Stewart
Snyder, Martin Luther .....	Duval
Thompson, Edna Lucile .....	Solon
Thrash, Curtis Monroe .....	Carroll

Tom, Fred Lee .....	New Concord
Voigt, Emma Marie .....	Holgate
Warrener, Mary Estelle .....	Athens
Watson, Martin Wallace .....	Racine
Webber, Robert Grover .....	Sistersville, W. Va.
Weber, Cornelius Peter .....	Pettisville
White, James Henry .....	Chandlersville
Wilkinson, Geraldine Wright .....	Kenton
Williams, Elmer Francis .....	Frankfort
Yauger, Harry Thomas .....	New Lexington
Zeigler, Violet May .....	Delta

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### THIRD PREPARATORY

Alexander, Mary Ruth .....	Ghent
Alexander, Rosanna Blanche .....	Proctorville
Allen, William Herbert .....	Athens
Allison, Walter .....	South Salem
Barker, Robert Ralph .....	Athens
Baughman, Virgil .....	New Marshfield
Brown, Clarence Oscar .....	Bremen
Buchanan, David Lewis .....	Unionport
Bundy, William Sanford .....	Athens
Chalfant, Allen Smith .....	Thornville
Chute, Bernice Fauney .....	Jacksonville
Cline, Edna Blanche Clare .....	Albany
Cline, Wallace McKinley .....	Wilkesville
Dickson, Amy Agnes .....	Bartlett
Du Bois, Herman Henry .....	Vigo
Dunlap, Oscar Ellsworth .....	Flushing
Edwards, Ruie Folsom .....	West Carlisle
Feiock, Charles Grover .....	Lewisville
Feiock, Edward Clement .....	Lewisville
Fenzel, Frank William .....	Athens
Fletcher, Mary Ella .....	Athens
Fultz, Wilford Binkley .....	Rushville
Gabriel, George Moses .....	New Marshfield
Gage, Beatrice Nita .....	Cutler
Goddard, Fred Benoni .....	Cutler
Gonter, Allen James .....	Baltic
Graham, Miles McKindree .....	Logan
Greisheimer, Essie Maud .....	Chillicothe
Growden, Clarence Holmes .....	Chillicothe
Hayes, Everett Raymond .....	Guysville
Hemphill, Robert Goodwin .....	Copley
Hemphill, Roberta May .....	Copley
Howell, Harley Millard .....	New Manchester

Irvin, George B. ....	Wilmington
Johnston, Vevay Grace .....	Little, Ky.
Krout, Jennie May .....	Bremen
Lawrence, Majel .....	Coolville
Lawton, Anna Mabel .....	Barlow
Lawton, Helen Elizabeth .....	Barlow
Lawton, Mary Mildred .....	Barlow
Lumley, Ethel .....	Rootstown
McDaniel, Ira Alpheus .....	Athens
Mergler, Paul William Darnoc .....	Mt. Washington
Miller, Benjamin Warren .....	Millwood, W. Va.
Miller, Lewis Harrison .....	Millwood, W. Va.
Moore, Ennid May .....	Cumberland
Moore, Homer .....	Granville
Moore, Walter Root .....	Athens
Myerholts, Nellie Elizabeth .....	Rocky Ridge
Powell, Roland Edgar .....	Sonora
Rhodes, Fred Lawwill .....	Cottageville, W. Va.
Richholt, Clarence Eugene .....	Holgate
Rucker, Robert Elliott .....	Rappsburg
Schadle, Lulu Estelle .....	Amanda
Scott, Emma J. ....	Spencer, W. Va.
Scott, Sara Elma .....	Mt. Pleasant
Sharp, Charles Forrest .....	Lucasville
Shirley, Elmer Wesley .....	Guysville
Sprague, Myrtle Madge .....	Roxbury
Stage, John Edward .....	Lancaster
Taggart, Florence Estelle .....	East Liverpool
Tripp, Muriel Elizabeth .....	Holgate
Wagoner, Bertha Adelle .....	Cutler
Walpole, Alva Branson .....	Malta
Ward, Mary .....	Athens
Wilkes, Lula Constance .....	Athens
Yankey, Flora Gay .....	Madisonville
Young, Harry Curtis .....	Millersburg
Zenner, David Roe .....	Athens

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## SECOND PREPARATORY

Albright, John Grover .....	New Holland
Antrim, Hugh Richard .....	Scranton, Pa.
Armstrong, Eugene Franklin .....	Kenton
Bailey, Zilpha Delana .....	Athens
Barnhart, Guy Coe .....	Center Belpre
Barton, Clinton Carlos .....	Adelphi
Bean, Bailey F. ....	Cadwallader
Bean, Bertha Estelle .....	Athens

Beatty, Benjamin Mackalee .....	Hillsboro
Benfer, Dwight Carlisle .....	Strasburg
Bonawit, Ida Alberta .....	Rising Sun
Bouts, John Harry .....	South Webster
Brooks, Grace Leona .....	New Marshfield
Caldwell, Paull Holtz .....	Alledonia
Campbell, Rosa Alice .....	St. Louisville
Chan, Tingit Harry .....	Canton, China
Clark, Clara Grace .....	Little Hocking
Clark, Mary Ethel .....	Little Hocking
Cowen, Earl Dorchester .....	Athens
Cutright, Marie Matilda .....	Vigo
Dickey, Walter Leroy .....	Hillsboro
Donally, Edward Wood .....	Gallipolis
Dumm, George Harvey .....	Brownsville
Durkee, William Henry .....	Vinton
Dye, Frank Argyll .....	Zanesville
Fahrer, David .....	Rushville
Floyd, Homer Samuel .....	South Perry
Fluhart, Osa May .....	Glenford
Goble, Arthur Emmett .....	Lima
Greenberg, Sydney .....	Jamaica, N. Y.
Hall, Lester Jones .....	Bremen
Hewitt, Milo Ephraim .....	New Marshfield
Howell, Willie Herbert .....	Lone Cedar, W. Va.
Huffman, George Leroy .....	Chandlersville
Hurd, Bertha Opal .....	Laings
Jackson, Frederick Augustus .....	Woodsfield
Johnston, Paul DeWitt .....	East Palestine
Knecht, Fannie Evangeline .....	Lancaster
Krout, Webster Sherburn .....	Bremen
Lee, Myrtle Ethel .....	St. Louisville
Limbach, Mary Elizabeth .....	New Philadelphia
McAllister, Leslie Charles .....	Carbonhill
McClure, Hattie Clendenin .....	Allensville
McTague, Andrew William .....	Columbus
May, Ella Lucie .....	Athens
Merrick, William Russell .....	Kensington
Merrill, Lee Dale .....	Blacklick
Nixon, Charles Eli .....	Junction City
Parker, Walter Ernest .....	Marshall
Parks, Hazel Belle .....	Glenford
Phillips, Mary Luetta .....	Delaware
Porter, Glen Earl .....	Mt. Sterling
Pryor, Gypsy Dora .....	Eastbank, W. Va.
Rucker, Ethelinda .....	Rapsburg
Seifert, Russell Harrison .....	Bremen
Shafer, Samuel Sullivan .....	Athens

Shaner, Mary Ruth .....	Athens
Sharp, David Benjamin .....	Athens
Shepherd, Lulu Mary .....	Amsterdam
Sheumaker, Daisy .....	West Rushville
Simmons, Roy Kay .....	Jackson
Spencer, Isaac Tavener .....	Parkersburg, W. Va.
Spier, Cora Fern .....	South Dayton, N. Y.
Stage, Charles Arthur .....	Lancaster
Steele, Charles Cherrington .....	Coalton
Stewart, James Franklin .....	Jackson
Stringfellow, Birdie .....	Gallipolis
Teele, Edith Blanche .....	Rushville
Terrell, Cyrus Wesley .....	Gore
Thompson, Glenwood Gates .....	Langsville
Van Valey, Gladys Lucile .....	Athens
Ward, Charles Victor .....	Vinton
Weber, Maude Antoinette .....	Lower Salem
Weed, Eva Lulu .....	Grove City
Welty, Mary Grace .....	Bremen

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### FIRST PREPARATORY

Barnes, Louis Harrison .....	Athens
Bell, Arl Mary .....	Athens
Braley, Mack Rollin .....	Athens
Clifton, Harry E. ....	Circleville
Clifton, Turney A. ....	Circleville
Cook, Cecil Herbert .....	Beebe
Deer, Bessie .....	Nelsonville
Dunlap, Willard Samuel .....	Flushing
Dutton, Clarence Edwin .....	Hockingport
Dutton, William Stanley .....	Bremen
Fagan, Nellie Gertrude .....	Athens
Gibbons, George Clapper .....	Duncan Falls
Gilbreth, Glen Hoffman .....	Coolville
Gilbreth, Mina Margaret .....	Coolville
Hill, Clyde Gilman .....	Wheeling, W. Va.
Hixon, Orris Elijah .....	Gillespieville
Hunsicker, Hazel Virginia .....	Byer
Irvine, Hannah Everett .....	Little Hocking
Johnson, William Finley .....	Jackson
Knight, Oscar Allen .....	Athens
McDade, Carl Everett .....	Negley
Moorefieid, Effie Armenia .....	Hocking
Moorefieid, Freeda Ellen .....	Hocking
Mowbray, Bessie Irene .....	Frankfort
Pinkerton, Clyde Donald .....	Athens

Pospichel, Otmarus Joseph .....	Buchtel
Ramsey, Martin Newell .....	Jacobsburg
Rhoads, Charles Clifford .....	Peebles
Ross, Leslie Cleveland .....	New Plymouth
Rupe, Elta Jane .....	Cheshire
Walter, Esther Juanita .....	Clarington
Welch, Edwin Charles .....	Athens
Zedecker, Jesse Leroy .....	Dayton

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## STATE NORMAL COLLEGE

(Exclusive of Summer Term, 1909)

### FIRST YEAR IN ELEMENTARY EDUCATION

Barnes, Louis Harrison .....	Athens
Bartlett, Frances May .....	Jackson
Bell, Arl Mary .....	Athens
Braley, Mack Rollin .....	Athens
Cook, Cecil Herbert .....	Beebe
Deer, Bessie .....	Nelsonville
Devitt, Cecil Loretta .....	Little Hocking
Dunlap, Willard Samuel .....	Flushing
Dutton, Clarence Edwin .....	Hockingport
Dutton, William Stanley .....	Bremen
Fagan, Nellie Gertrude .....	Athens
Gilbreth, Glen Hoffman .....	Coolville
Gilbreth, Mina Margaret .....	Coolville
Hall, Linnie Letitia .....	New Matamoras
Hixon, Orris Elijah .....	Gillespieville
Hunsicker, Hazel Virginia .....	Byer
Hutchinson, Elsa Edna .....	Zaleski
Irvine, Hannah Everett .....	Little Hocking
Jacoby, Margaret Gertrude .....	Harpersville
James, Ethel Belle .....	Kyger
Johnson, William Finley .....	Jackson
Jordan, Millard Leroy .....	Pleasant City
Kean, Ida Alice .....	Stockport
Knight, Oscar Allen .....	Athens
Linerode, Charles Clyde .....	Louisville
McDade, Carl Everett .....	Negley
McElhiney, Velma Catherine .....	Rokeby Lock
McNeer, Harry Lucien .....	Jackson
Moorefield, Effie Armenia .....	Hocking
Moorefield, Freda Ellen .....	Hocking
Mowbray, Bessie Irene .....	Frankfort



Nixon, Samuel J. ....	New Straitsville
Pinkerton, Clyde Donald .....	Athens
Ramsay, Martin Newell .....	Jacobsburg
Rhoads, Charles Clifford .....	Peebles
Richards, Thomas Arthur .....	Thurman
Rolston, William Henry .....	Logan
Rupe, Elta Jane .....	Cheshire
Sexton, Lee Anderson .....	Frankfort
Stout, Edna May .....	Stoutsville
Stout, Estella May .....	Stoutsville
Thomas, George Henry .....	Cheshire
Welch, Charles Edwin .....	Athens
Wright, Ernie Melvin .....	Logan

## SECOND YEAR IN ELEMENTARY EDUCATION

Albright, John Grover .....	New Holland
Bailey, Zilpha Delana .....	Athens
Barnhart, Guy Coe .....	Center Belpre
Barton, Clinton Carlos .....	Adelphi
Bean, Bailey F. ....	Cadwallader
Bean, Bertha Estelle .....	Athens
Beatty, Benjamin Mackalee .....	Hillsboro
Bonawit, Ida Alberta .....	Rising Sun
Bouts, John Harry .....	South Webster
Brandt, Susie Ora .....	Kilgore
Brooks, Grace Leona .....	New Marshfield
Burrell, Ilo Vaughn .....	Croton
Caldwell, Frances .....	Coolville
Caldwell, Paul Holtz .....	Alledonia
Clark, Clara Grace .....	Little Hocking
Cowen, Earl Dorchester .....	Athens
Crabbs, Amy Irene .....	Leavittsburg
Criswell, Elwood Le Roy .....	Osnaburg
Cutright, Marie Matilda .....	Vigo
Dague, Mabel Pittsford .....	Newark
Danford, Lewis Homer .....	Pleasant City
Davis, Stanley .....	Oak Hill
DeLong, Howard William .....	Brownsville
Donally, Edward Wood .....	Gallipolis
Duffy, Frederick Henry .....	Logan
Dumm, George Harvey .....	Brownsville
Durkee, William Henry .....	Vinton
Fling, Albert Chaney .....	Hillsboro
Fluhart, Osa May .....	Glenford
Frye, Harry Leroy .....	Vincent
Goble, Arthur Emmett .....	Lima

Grant, Mary .....	South Webster
Greenberg, Sidney .....	Jamaica, N. Y.
Griffith, Cecil Ray .....	New Lexington
Guthrie, Clara Edna .....	Alfred
Hall, Lester Jones .....	Bremen
Hammond, Carrie Thorne .....	Milan
Harvey, Donald Lee .....	Lancaster
Heald, Hattie Estelle .....	Cutler
Herrold, Daisy Irene .....	Nelsonville
Hewitt, Milo Ephraim .....	New Marshfield
Hoffman, Jennie Bell .....	Lancaster
Hoover, Ina Maud .....	New Salem
Huffman, George Leroy .....	Chandlersville
Hurd, Bertha Opal .....	Laings
Jackson, Frederick Augustus .....	Woodsfield
Knecht, Fannie Evangeline .....	Lancaster
Krout, Webster Sherburn .....	Bremen
Limbach, Mary Elizabeth .....	New Philadelphia
McAllister, Leslie Charles .....	Carbon Hill
McClure, Hattie Clendenin .....	Allensville
McDonald, Flora Vista .....	McConnelsville
McIntyre, Beatrice Perdue .....	Athens
McIntyre, Dorthula Jeanette .....	Athens
McTague, Andrew William .....	Columbus
Mace, Lulu Edna .....	Athens
May, Ella Lucie .....	Athens
Merrick, Anna Marie .....	Kensington
Merrick, William Russell .....	Kensington
Mumaw, Lenore .....	Dalton
Nice, Ethel Belle .....	Athens
Nixon, Charles Eli .....	Junction City
Parker, Walter Ernest .....	Marshall
Parks, Hazel Belle .....	Glenford
Phillips, Mary Luetta .....	Delaware
Pittsford, Clara Lovell .....	Newark
Pryor, Gypsy Dora .....	Eastbank, W. Va.
Rightmire, Clara Alice .....	Parsons, W. Va.
Rucker, Ethelinda .....	Rappsburg
Runk, Orland Monroe .....	Blanchester
Russell, Julia Aletha .....	Coolville
Seifert, Russell Harrison .....	Bremen
Sexton, Bessie Elizabeth .....	Frankfort
Shafer, Samuel Sullivan .....	Athens
Shaner, Mary Ruth .....	Athens
Sharp, David Benjamin .....	Athens
Shepard, Lulu Mary .....	Amsterdam
Sheumaker, Daisy .....	West Rushville
Simmons, Roy Kay .....	Jackson

Spencer, Isaac Tavener .....	Parkersburg, W. Va.
Spier, Cora Fern .....	South Dayton, N. Y.
Stage, Charles Arthur .....	Lancaster
Steele, Charles Cherrington .....	Coalton
Stewart, James Franklin .....	Jackson
Stringfellow, Birdie .....	Gallipolis
Teele, Edith Blanche .....	Rushville
Terrill, Cyrus Wesley .....	Gore
Thompson, Glenwood Gates .....	Langsville
Van Valey, Gladys Lucile .....	Athens
Varner, May .....	Black Run
Waggoner, Lola May .....	Centerburg
Ward, Charles Victor .....	Vinton
Weber, Maude Antoinette .....	Lower Salem
Weed, Eva Lulu .....	Grove City
Wein, Adda Florence .....	Murray City
Welty, Mary Grace .....	Bremen
Wharton, Margerie Edith .....	Mineral
Wiley, Mary .....	Demos

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### THIRD YEAR IN ELEMENTARY EDUCATION

Alexander, Rosanna Blanche .....	Proctorville
Alford, John Franklin .....	Bremen
Allison, Mary Elizabeth .....	Oak Hill
Allison, Walter .....	South Solon
Anderson, Jesse Earl .....	Crooksville
Barker, Robert Ralph .....	Athens
Barnett, Marie Johnson .....	Corning
Baughman, Virgil .....	New Marshfield
Benedict, Besse May .....	Greenwich
Berry, Ethel Alice .....	Barnesville
Border, Chauncey Abraham .....	Strasburg
Bowe, Flossie May .....	Bradner
Bowles, Hal Chalfan .....	Dexter
Boyles, Anna May .....	North Lewisburg
Boyles, Ethel Vida .....	North Lewisburg
Brammer, Lona Mabel .....	Ironton
Brehman, Hazel Beatrice .....	Bucyrus
Brown, Clarence Oscar .....	Bremen
Bryan, Wylie DeCamp .....	Pt. Pleasant, W. Va.
Bundy, William Sanford .....	Athens
Burdge, Hazel Ione .....	Chicago Junction
Burriss, Lorena May .....	Mt. Pleasant
Chalfant, Allen Smith .....	Thornville
Chalmers, Jean Logan .....	Mineral City
Chute, Berenice Fauney .....	Jacksonville

Clarkson, Agnes .....	Warrensville
Cline, Edna Blanche Clare .....	Albany
Cline, Wallace McKinley .....	Wilkesville
Cochran, William Brook .....	Delaware
Cockerell, Harry Lawrence .....	Chillicothe
Cooper, Lillian .....	Worthington, Ind.
Corlette, Lizzie Edna .....	Warrensville
Counts, Lewis Jacob .....	Richmonddale
Cowan, Lizzie .....	Hudson
Culloms, George Willis .....	Athens
Curtis, Grace .....	Amesville
Danford, Lalla Rookh .....	Glouster
Dawson, Ethel Verne .....	Coshocton
Day, Effie Woodyard .....	Athens
Dickson, Amy Agnes .....	Bartlett
Dixon, Charles Gaddis .....	Hopedale
Dixon, Esther .....	Orwell
Dutton, Rose Beatrice .....	Bremen
Farson, Anna Elizabeth .....	Rockland
Feiock, Charles Grover .....	Lewisville
Feiock, Edward Clement .....	Lewisville
Fenzel, Frank William .....	Athens
Fletcher, Mary Ella .....	Athens
Flohr, Mabel Catherine .....	Newton Falls
Forward, Elizabeth Lynn .....	Plantsville
Freeman, Mabel Leota .....	Worthington, Ind.
Fulwider, Albert Paul .....	Athens
Fulwilder, William Elbert .....	Athens
Gabriel, George Moses .....	New Marshfield
Gaffner, Millie .....	Trenton, Ill.
Gage, Beatrice Nita .....	Cutler
Gammage, Frederick Valentine .....	Kingston, Jamaica
Goddard, Bertha Caroline .....	Cutler
Goddard, Fred Benoni .....	Cutler
Greisheimer, Essie Maud .....	Chillicothe
Hardin, Annabelle .....	Gambier
Harris, Gail Clifford .....	Sharpsburg
Hawk, Bessie Alice .....	Newcomerstown
Hayes, Everett Raymond .....	Guysville
Hemphill, Robert Goodwin .....	Copley
Hemphill, Roberta May .....	Copley
Ice, Gertrude Florence .....	Glenford
Johnston, Vevay Grace .....	Little, Ky.
Johnston, Winifred Christine .....	Farmdale
Kirby, Mary Gertrude .....	Amsterdam
Krout, Jennie May .....	Bremen
Kryder, Lylah Vila .....	Parsons, W. Va.
Lambert, Marian .....	Boston, Mass.

Law, Christine Elizabeth .....	Chauncey
Law, George Gun .....	Portland, Ore.
Lawton, Anna Mabel .....	Barlow
Lawton, Helen Elizabeth .....	Barlow
Lawton, Mary Mildred .....	Barlow
LeRoy, Bernard Reamy, Jr. ....	Athens
Liggett, Madge .....	Plain City
Lumley, Bertha .....	Rootstown
Lumley, Ethel .....	Rootstown
McCann, Mary Ella .....	Beverly
McCormick, Edith McMinn .....	Kinsman
McDaniel, Ira Alpheus .....	Athens
McDowell, Gladys Aileen .....	Plain City
McNaughton, James Edgar .....	South Webster
Mergler, Paul William Darnoc ..	Mt. Washington
Merritt, Kathleen Wood .....	Athens
Miller, Benjamin Warren .....	Millwood, W. Va.
Mooney, Lawrence Phineas .....	Nelsonville
Moore, Ennid May .....	Cumberland
Moore, Homer .....	Granville
Moore, Walter Root .....	Athens
Myerholts, Nellie Elizabeth .....	Rocky Ridge
Nixon, Ernest Leland .....	New Plymouth
O'Connor, Delia .....	Alice
Parrott, Joseph Lawrence .....	Mendon
Patterson, Anna Gail .....	Shadyside
Pavey, Howard Douglas .....	Leesburg
Porter, Mary Helen .....	Kenton
Portz, Edwin Arthur .....	Stonecreek
Portz, Ella Clara .....	Newcomerstown
Powell, Newman Minnich .....	Sonora
Powell, Roland Edgar .....	Sonora
Rhodes, Fred Lawill .....	Cottageville, W. Va.
Rice, Audrie Anna .....	Athens
Robinett, Maud Grace .....	Albany
Roome, Elizabeth .....	Sistersville, W. Va.
Rucker, Robert Elliot .....	Rappsburg
Rutledge, Ethel Cora .....	Transfer, Pa.
Sandwich, Freda Elizabeth .....	Woodville
Scott, Emma J. ....	Spencer, W. Va.
Scott, Sarah Elma .....	Mt. Pleasant
Secrest, Edna Emma .....	Sarahsville
Severe, Jessie .....	Vanatta
Sharp, Charles Forrest .....	Lucasville
Sharp, Mary .....	McArthur
Shirley, Elmer Wesley .....	Guysville
Shuman, Mary Ethel .....	Mt. Pleasant
Shupe, Nellie Gertrude .....	Kingston

Smith, Carl Cleveland .....	Cadiz
Smith, Roy Wilfred .....	Stewart
Snyder, Martin Luther .....	Duvall
Sprague, Myrtle Madge .....	Roxbury
Stage, John Edward .....	Lancaster
Starr, Donna Pearl .....	Austin
Stoneburner, Alberta .....	Nelsonville
Taggart, Florence Estelle .....	East Liverpool
Thomas, Rosa Faye .....	Chesterhill
Thrash, Curtis Monroe .....	Carroll
Tripp, Muriel Elizabeth .....	Holgate
Voigt, Emma Marie .....	Holgate
Waggoner, Clada Ruth .....	Jewett
Wagoner, Bertha Adelle .....	Cutler
Walpole, Alva Branson .....	Malta
Ward, Mary .....	Athens
Wilkes, Lulu Constance .....	Athens
Wilkinson, Geraldine Wright .....	Kenton
Yankee, Flora Gay .....	Madisonville
Yauger, Harry Thomas .....	New Lexington
Young, Harry Curtis .....	Millersburg
Zeigler, Violet May .....	Delta
Zenner, David Roe .....	Athens

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## FRESHMEN

Alderman, Nellie Addine .....	Athens
Alkire, Abraham Ross .....	Mt. Sterling
Anderson, Margaret Risk .....	Youngstown
Anderson, Mary Emma .....	Portsmouth
Arnold, Ethel .....	Youngstown
Artherholt, Floy Frances .....	Garrettsville
Baldwin, Harley Eugene .....	Cortland
Bartlett, Gertrude .....	Waterford
Beatty, Anna Isabel .....	Youngstown
Beelman, Letha Elnora .....	Chicago Junction
Blake, Mary Rebecca .....	Nelsonville
Blythe, Roy Rukenbrod .....	Carrollton
Burgy, Florence Dolly .....	Zanesville
Burnett, Nina Marie .....	Sabina
Carpenter, Edith Marie .....	Athens
Chrisman, Oscie Dru .....	Athens
Comstock, Joseph Hooker .....	Athens
Crisenberry, Minnie Ethel .....	Mt. Gilead
Crisenberry, Virginia May .....	Cardington
Davis, John Bruce .....	Georgetown
Dover, Kate .....	McConnelsville



Dunlap, Howard Leroy .....	Flushing
Dutnell, Isabel Louisa .....	North Ridgeville
Eaton, Clara Virginia .....	East Palestine
Eldridge, Anna Elizabeth .....	Cutler
Gage, Edith Olga .....	Cutler
Gifford, Clara May .....	Beckett
Gill, Myrtle Eulalie .....	Youngstown
Gillilan, Paul McVay .....	Salt Lake, Utah
Gray, Margaret H. ....	McConnelsville
Gross, Haidee Coral .....	West Unity
Hanna, Mary Isabel .....	Cadiz
Hare, Marcus LaFayette .....	Fincastle
Hartford, Margaret Belle .....	East Palestine
Hemphill, Winona .....	Copley
Henry, Anna Elizabeth .....	Kinsman
Herrold, Grace May .....	New Plymouth
Hickox, Jay Gilmore .....	Novelty
Hochart, Kathleen Marin .....	Cleveland
Horton, Frank Oscar .....	Athens
Jackson, Pearl M. ....	Jonesboro, Ind.
Kaler, George Rannells .....	Athens
Kelley, Margaret Beatrice .....	Freeport
Kinsey, Alice Edith .....	Mt. Pleasant
Lewis, Ralph Amos .....	Sabina
Leyda, Mabel Irene .....	Cutler
Love, Cora Belle .....	Lockwood
McCombs, Mamie .....	Youngstown
McFarland, Anne Campbell .....	Warren
McKee, Helen Josephine .....	Caldwell
McMillan, Mary Edith .....	Youngstown
McNamara, Catherine Torrence .....	Jackson
McWilliams, Oliver Kent .....	Cleveland
Mengert, Laura Reinhard .....	Lexington
Miller, Earle Augustus .....	Athens
Miller, Marie Elizabeth .....	Piqua
Myers, Nina Nadine .....	Athens
Nier, Norma Martha .....	Sandusky
Pake, Edward Howe .....	Bainbridge
Parker, Leone .....	Huron
Parker, Sidney Lester .....	Athens
Patterson, Charles Reif .....	Piketon
Perkins, Will M. ....	McArthur
Phillips, Mary Leah .....	Athens
Porter, Bessie Maud .....	West Carlisle
Prindle, Ellen .....	Youngstown
Prine, Maud Harriet .....	Ashtabula
Reed, Hazel Baker .....	Uhrichsville
Reid, Alice Averre .....	Martins Ferry

Richards, John Conrad .....	Carrollton
Ricketts, Carrie Edith .....	Sugar Grove
Scott, Nelle Rutledge .....	Athens
Shadduck, Edith Leanna .....	Vermilion
Shane, Florence Winona .....	Steubenville
Simpson, Beatrice Lorena .....	Little Hocking
Soutar, Anna McKenzie .....	Sandusky
Squirer, Ermine Inez .....	Youngstown
Starkey, Edith Belle .....	New Lexington
Starr, Elma Vera .....	Athens
Stoll, Norma Anna .....	Sandusky
Stowe, Reba E. ....	Highland
Stracke, Nellie Mary Catherine .....	Logan
Strickland, Vida Rosella .....	Youngstown
Stringfellow, Emma Abigail .....	Gallipolis
Talbot, John Sherman .....	Beverly
Taylor, Eunice Loa .....	McArthur
Teeters, Ruth Charlene .....	Washington C. H.
Thompson, Edna Lucile .....	Solon
Thorpe, Eva Marie .....	Caldwell
Tidd, Harland Owen .....	Williamsfield
Van Dorn, Olive J. ....	Pataskala
Vandervort, Clara Edna .....	Jamestown
Wakeman, Ruth Estelle .....	Oberlin
Ward, Erwin John Boyd .....	Perrysburg
Watson, Archie Milton .....	Thurston
Wenrick, Key Elizabeth .....	Canton
Wiest, Pauline Matilda .....	Mineral City
Wilcox, Julia Ida .....	Hudson
Williams, Freda .....	Springfield
Young, Fred M. ....	Mt. Sterling

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### SOPHOMORES

Aber, Nina Conner .....	Toronto
Armstrong, Lyman Walter .....	Bellville
Ashton, Mary Maud .....	Reynoldsville
Atkinson, Zella Fern .....	Zanesville
Ayres, Helen Florence .....	Gambier
Baker, Mary Emaline .....	Athens
Batterson, Iva Pearl .....	Bryan
Beckley, Harry Clyde .....	McArthur
Brickles, Lulu Harper .....	Athens
Brown, Mary Isabella .....	Caldwell
Buchanan, Edith Amanda .....	Basil
Collins, Frances Pauline .....	Medina
Cranmer, Harvey Edward .....	Athens

Danford, Marion Blanche .....	McConnelsville
Dickerson, Harlan Jewett .....	South Zanesville
Dye, Marian Rebecca .....	Hamden Junction
Edwards, Mary Ethel .....	Syracuse
Elson, Delma Viola .....	Athens
Evans, Amy Cole .....	Portsmouth
Farquhar, Winonia Josephine .....	Gambier
Flegal, Margaret Catherine .....	Zanesville
Glenn, Hazel Mary .....	Gallipolis
Goldsworthy, John .....	Glouster
Halbirt, Lucy Keturah .....	Canaanville
Hauschildt, Lillian Mabel .....	Piqua
Helfrich, John Wert .....	Carrollton
Hickman, Florence May .....	Nelsonville
Johnson, Elizabeth Carlisle .....	Marietta
Kahler, Margaret Katherine .....	Conneaut
Keck, Olive Millicent .....	McArthur
Knowlton, Cora Belle .....	Athens
LeRoy, Verne Emory .....	Athens
Lenhart, Katherine Elizabeth .....	Welshfield
McGuire, Zoa .....	Marion
McLean, Mary Elizabeth .....	East Liverpool
McNaughton, Birdie Lillie .....	Brecksville
McVay, Francis Halbert .....	Beverly
Merrin, Anna Gladys .....	Mt. Vernon
Miller, Dorothy DeVore .....	Mingo
Moler, Arthur Lee .....	Athens
Nesbitt, Margaret .....	Bellaire
Ogan, Louise .....	McArthur
Palmer, John Alonzo .....	Athens
Parks, Hugh Whiteford .....	Hopedale
Ploeger, Gertrude .....	Cleveland
Plummer, Florence .....	Williamsport
Powers, Grace Sheldon .....	Hudson
Ridenour, Harry Lee .....	New Lexington
Rigby, Hazel Elizabeth .....	East Liverpool
Roach, Louise .....	Athens
Robinson, Anna Elizabeth .....	Newark
Rogers, Cora May .....	Athens
Rogers, Mary Geraldine .....	Shelby
Russell, John Edgar .....	South Burgettstown, Pa.
Secoy, Mary Elizabeth .....	Athens
Snow, Charlotte Louise .....	Brecksville
Soule, Mary Minnie .....	Wilkesville
Speck, Frank Richards .....	Uhrichsville
States, Dora Alice .....	Spencerville
Sutherland, Marguerite Gow Henderson .....	Warren
Teeling, Rudy Bell .....	Millersburg

Thompson, Eugene Franklin .....	Nelsonville
Todd, Hazel Estella .....	Warren
Van Dyke, Stella May .....	Athens
Voegtly, Nelle Leona .....	Hannibal
Walls, Callie King .....	Athens
Warren, Samuel Cyrus .....	Athens
Watson, Carrie Edith .....	Bellville
White, Robert Lee .....	Fairmont, Ill.
Wilson, Grace .....	New Martinsville, W. Va.
Winn, Mabel Elizabeth .....	Rutland

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## JUNIORS

Andrews, Adda May .....	Glouster
Barnes, Bernice Belle .....	Bowerston
Bean, Leo Chapman .....	Gallipolis
Bishop, Homer Guy .....	Athens
Blackstone, Alva E. ....	Cumberland
Boelzner, Wilhelmina Rosina .....	Athens
Cable, Will Ransom .....	Athens
Connett, Mary .....	Athens
Cosler, Marie Shank .....	Dayton
Coultrap, Manley Lawrence .....	McArthur
Cronacher, Edith Lillian .....	Ironton
Deputy, Mary Lee .....	Springfield
Eaton, Mary Jane .....	Circleville
Erf, George Arthur .....	Monroeville
Finsterwald, Fredia .....	Athens
Forsyth, Florance D. ....	Monongahela, Pa.
Guy, Willard Arthur .....	Athens
Howell, Mabel Roxy .....	McArthur
Jacobs, Arlington Brazil Cole .....	Lexington
Junod, Grace Marie .....	Athens
Keck, Garnet Grace .....	McArthur
McCorkle, Walker Ellsworth .....	Dawson
Miller, Ernest Carl .....	Lorain
Miller, Harry Percy .....	Cincinnati
Mitchell, Eva Louise .....	Pt. Pleasant, W. Va.
Moody, Vittoria .....	Bartlett
Morris, Leota Blanche .....	Harrisville
Pond, Walter Allen .....	Athens
Putnam, Harriet Lamb .....	Athens
Putnam, Virgene .....	Athens
Sanzenbacher, Elizabeth .....	Piqua
Shupe, Lloyd Merle .....	Amanda
Tewksbury, Carl Logan .....	Blanchester

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## SENIORS

Allen, Walter Osman .....	New Plymouth
Andrew, Lou Edna .....	Cincinnati
Bean, Cecil Calvert .....	Athens
Bohrer, Jay Verne .....	Toledo
Cherrington, Harold Edgar .....	Alice
Cromer, Paul Eli .....	Springfield
Dunkle, Herbert Bothwell .....	Athens
Grady, William Earl .....	Nelsonville
Hayden, Charles Ernest .....	Nelsonville
Jackson, Otho Carr .....	Nelsonville
Kerr, Paul Bentley .....	Hicksville
Livingston, Alfred Erwin .....	Athens
Lindsay, Madge .....	Bridgeport
Lively, Ora Clyde .....	Wellston
Melick, Clark Owen .....	Axline
Perkins, Ione Marie .....	McArthur
Richmond, Winifred Vanderbilt .....	New Marshfield
Stewart, Charles G. ....	Hockingport
Tuttle, Harley Angelo .....	Diamond
Walls, Louise King .....	Athens
Williamson, Charles Owen .....	Lancaster
Wood, Leland Samuel .....	Andover

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## POST GRADUATES

Dixon, Asher Hooper .....	Tekamah, Neb.
Martzolff, Clement Luther .....	Athens
Merritt, William Schory .....	Athens
Oldt, Joel Calvin .....	Euclid
Sherman, Alice Louise .....	Wilmington

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## SPECIAL NORMAL

Bailey, Laura Belle .....	Athens
Boghossian, Menos Hovsep .....	Teheran, Persia
Carpenter, Lewis Elton .....	Canaanville
Carter, Winifred .....	West Union, W. Va.
Crozier, Lua Alberta .....	Bainbridge
Davis, Margaret Anne .....	Clay
Dennison, Maud Geraldine .....	Lockwood
Dougan, Stanley .....	Chesterhill
Dunlap, Oscar Ellsworth .....	Flushing
Fattig, Perry Wilbur .....	Bremen
Finsterwald, Nelle .....	Athens

Gamble, Sylvia Vesta .....	Athens
Gonzalez, Lorenzo .....	Trujillo, Venezuela, S. A.
Hanson, Fred Halliday .....	Gallipolis
Harter, Florence Elizabeth .....	Belleville
Hayes, Clara Genevieve .....	Athens
Jacoby, Porter Leo .....	Nelsonville
Jenkins, Ida Ethel .....	Berlin Heights
Kern, Lillian Lenore .....	Athens
Kratz, Emma .....	Massillon
Lamb, Grace Martha .....	Middleport
Lapp, Hulda Lulu .....	Bucyrus
Lindley, David Howell .....	Hamilton
Linton, Gladys Amy .....	Athens
Lucas, Mary Edith .....	Huntington, Ind.
Ludwick, Audra Marie .....	Stewart
McGlinchay, Viola Blanche .....	Galloway
Mellinger, John Frank .....	Nelsonville
Miller, Charles Hizey .....	Millersport
Morris, Hattie Ellen .....	Carroll
Mott, Cinderilla Mae .....	Cortland
Nye, Bessie .....	Chauncey
O'Connor, Gertrude .....	Stewart
O'Farrell, Mary Frances .....	Corning
Plummer, Ruby Magdalene .....	Jackson
Porter, Dana Dor .....	West Carlisle
Pospichel, Otmarus Joseph .....	Buchtel
Radcliff, Ethel Omega .....	Athens
Richeson, John Jacob .....	Lees Creek
Saunders, A. Letha .....	Guysville
Smith, Mary Vanetta .....	Athens
Stanford, Joseph Benton .....	Coshocton
Stauffer, Cela Louisa .....	Clarington
Takahashi, Matagora .....	Tamagawa, Japan
Taylor, Zera Gibson .....	Petrolia, Pa.
Theobald, Hedwig .....	Columbus
Tracy, Arthur Clyde .....	Cutler
Weber, Cornelius Peter .....	Pettisville
West, Ellis Wilbur .....	New Concord
Wiley, Nathaniel .....	Kimball, W. Va.
Williams, Anna Pearl .....	Athens

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## CLASS OF 1909

Adams, Evelyn Lyon .....	Cincinnati
Adams, John William .....	Newark
Bailey, Cora Ethelyn .....	Lilly Chapel
Bolton, Rudolph Ray .....	Mendon



Conner, Grace Bradford .....	Garrettsville
Cromer, Horace Emerson .....	Springfield
Douglas, Malcolm .....	Waverly
Eaton, Edith Mildred .....	Huntington, W. Va.
Foster, Harry Zadoc .....	Athens
Hough, Florance Harrison .....	Jamestown
Huhn, William .....	Hamden Junction
Mayes, James Ray .....	Steubenville
Palmer, Edith .....	Athens
Roush, Helen Elizabeth .....	Athens
Thomas, George Grindley .....	Jackson
Watkins, Mary Carson .....	Athens
Wisda, James William .....	Ney

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### NORMAL COLLEGE GRADUATES 1909 DIPLOMAS WITH DEGREE OF B. PED.

Adams, Evelyn Lyon .....	Cincinnati
Adams, John William .....	Newark
Bailey, Cora Ethelyn .....	Lilly Chapel
Dixon, Asher Hooper .....	Tekamah, Neb.

### DIPLOMAS IN ELEMENTARY EDUCATION

Collins, Frances Pauline .....	Medina
Faris, Lillie Anne .....	Lynchburg
Gross, Haidee Coral .....	West Unity
Henry, Anna Elizabeth .....	Kinsman
Herrold, Grace May .....	New Plymouth
Love, Cora Belle .....	Lockwood
Rogers, Cora May .....	Athens
Thompson, Edna Lucile .....	Solon
Wilcox, Julia Ida .....	Hudson
Wilson, Grace .....	New Martinsville, W. Va.

### DIPLOMAS IN PUBLIC SCHOOL MUSIC

Alderman, Nelle Addine .....	Athens
Brickles, Lulu Harper .....	Athens
Gamble, Sylvia Vesta .....	Athens
Jackson, Pearl M. ....	Jonesboro, Ind.
Porter, Dana Dor .....	West Carlisle
Roush, Helen Elizabeth .....	Athens
Speck, Frank Richard .....	Uhrichsville
Putnam, Virgene .....	Athens

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**SUMMARY**

First Year in Elementary Education .....	44
Second Year in Elementary Education .....	98
Third Year in Elementary Education .....	144
Freshmen .....	100
Sophomores .....	71
Juniors .....	33
Seniors .....	22
Post Graduates .....	5
Special Normal .....	51
Class of 1909 .....	17
Normal College Graduates 1909 .....	22
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	607
Deducting names counted twice .....	21
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Total .....	586

**ELECTRICAL ENGINEERING****Advanced Students**

Alspach, Jesse D. ....	Canal Winchester
Ashbaugh, Robert Paul .....	Bremen
Bailey, Clyde Martin .....	Waterford
Bechtol, Harvey Winfield .....	Baltic
Boyd, Bert Dennis .....	Canal Winchester
Cox, Clarence Clifford .....	Gillespieville
Crooks, William Henderson .....	Forest
Davis, John Bruce .....	Georgetown
Donzy, Frederick William .....	Weston
Evans, Rhys David .....	Athens
Finnicum, John Lyle .....	Hopedale
Gibson, Clyde Owen .....	Amesville
Glazier, Myron Selby .....	Amesville
Hoisington, Ned Phillips .....	Amesville
Hughes, Alonzo Bayard .....	Key
Hughes, George Russell .....	Key
Jasinsky, Dorca Lloyd .....	Rushsylvania
Johnson, Howard Blane .....	Plants
Kanable, Grover Guy .....	Osceola
Lapp, George Paul .....	Bucyrus
Lenhart, Vinton Raymond .....	Coshocton
McFarland, Heber .....	Center Belpre
Miller, Rev Whittaker .....	New Paris
Rader, Walter Earl .....	Blacklick
Schilling, Joseph Edward .....	Collins

Silvus, William Green .....	Athens
Sloan, John Tolbert .....	Trimble
Stine, Walter Cleveland .....	Creola
Stout, Orin Clark .....	Stoutsville
Taylor, Barnett Winning .....	Hendrysburg
Taylor, Mason Elijah .....	Jamestown
Teeling, Rudy Bell .....	Millersburg
Timmerman, Warren Gust .....	Oak Harbor
Trimble, John Henry .....	Jacobsburg
Watkins, Sidney .....	Luhrig
Williams, Rees Edgar .....	Glouster
Williamson, Charles Owen .....	Lancaster
Yaw, Otto Virgil .....	Glouster

### First Year

Achar, James Harvey .....	New Vienna
Anderson, Earl .....	Crooksville
Applegate, Elmer Ray .....	Antwerp
Boghossian, Menos Hovsep .....	Teheran, Persia
Burgoon, John Alden .....	Athens
Carpenter, Lewis Elton .....	Canaanville
Chan, Tingit Harry .....	Canton, China
Ching, Tin Koo .....	Batavia, Java
Clouse, John Henry .....	Junction City
Cook, Frank E. ....	Richmond, Ind.
Davis, Franklin Armitage .....	Athens
Davis, Wiley .....	Bedford
De Kort, Morris Adrian .....	Chagrin Falls
Dulaney, Frank Montraville .....	Stockport
Eakin, Charles Thornton .....	Negley
Elson, Harold Altair .....	Athens
Fent, Homer .....	Mendon
Flood, John William .....	Rushville
Foley, Winthrop Edwin .....	Beverly, Mass
Foust, Floyd Lee .....	Hicksville
Foust, Lloyd Dee .....	Hicksville
Gonter, Allen James .....	Baltic
Gonzalez, Lorenzo .....	Trujillo, Venezuela, S. A.
Guyton, Thomas Lee .....	Winterset
Hanson, Fred Halliday .....	Gallipolis
Hare, Marcus La Fayette .....	Fincastle
Hook, Homer Burdette .....	Crooksville
Hoover, Ira Morrison .....	Ashville

Housel, Clay DeWitt .....	Mogadore
Kilbury, Levi Earl .....	West Jefferson
McAllister, Leslie Charles .....	Carbonhill
Meredith, Irwin Cecil .....	Long Bottom
Miller, Ernest Carl .....	Lorain
Morehead, Fred Harrison .....	Athens
Nye, Robert Eugene .....	Chauncey
Porter, Walter Lonzo .....	Kinsman
Pugh, Orren Lamar .....	Shreveport, La.
Reinhold, Harry Edmont .....	New Philadelphia
Sharp, Chester Lee .....	Sugar Grove
Shaw, Robert Howard .....	Steubenville
Stanley, Gurth Blunden .....	Lowell
Stine, Wilmer Everett .....	Santoy
Stout, Percy Ray .....	Stoutsville
Swinehart, Chester .....	Rushville
Tasaka, Hideji .....	Osaka, Japan
Taylor, Zera Gibson .....	Petrolia, Pa.
Townsend, Arthur Jean .....	New Philadelphia
Utrup, August George .....	Glandorf
Voigt, Eugene John .....	Holgate
Walker, Robert Herman .....	Athens
Welsh, John Douglas .....	Carpenter
Whipple, Howard Everett .....	Chesterland
White, Clyde Lawrence .....	Coolville
Yauger, Harry Thomas .....	New Lexington
Zedecker, Jesse Leroy .....	Dayton

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## CIVIL ENGINEERING

## First Year

Bishop, Homer Guy .....	Athens
Burgoon, John Alden .....	Athens
Burrell, George Richard .....	Freeport
Crooks, William Henderson .....	Forest
Davis, Franklin Armitage .....	Athens
Davis, John Bruce .....	Georgetown
Davis, Wiley .....	Bedford
Deckard, Howard Clinton .....	Bowling Green
Du Bois, Herman Henry .....	Vigo
Golden, James Brown .....	Athens
Hageman, Fred William .....	Cincinnati
Hopkins, Homer Smith .....	Marengo
Hughes, George Russell .....	Key
Joyce, Frank Matthews .....	Canaanville
Kanable, Grover Guy .....	Osceola

Lewellen, Austin Earl .....	New Marshfield
Licht, Paul Victor (Prep.) .....	East Palestine
Perkins, Will M. ....	McArthur
Rader, Walter Earl .....	Blacklick
Riley, Dwight Albin .....	Athens
Sharp, Chester Lee .....	Sugar Grove
Sherman, George Leslie .....	Athens
Stout, Orin Clark .....	Stoutsville
Strait, Noyce Worstall .....	Zanesville
Tom, Fred Lee .....	New Concord
Trimble, John Henry .....	Jacobsburg
Van Dyke, Ralph Arthur .....	Athens
Van Gundy, Clarence William .....	Chillicothe
Watson, Martin Wallace .....	Racine
Yoakem, Foster Mendenhall .....	Vigo

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### Second Year

Blythe, Donald Rukenbrod .....	Carrollton
Boneysteele, Park Lowe .....	Bellaire
Carr, George E. ....	Stockport
Cheeseman, Redick C. ....	Grove City, Pa.
Clark, William Allen .....	Junction City
Clemmer, John Hugh .....	Hicksville
Connett, Loring George .....	Athens
Connett, Raymond Wendell .....	Athens
Cooper, David Miller .....	Athens
Fischer, Harry Everett .....	Highland
Flesher, Orion Herbert .....	Middleport
Gimenez, Joaquin .....	Remedios, Cuba
Halbirt, Earl W. ....	Canaanville
Hustis, Harold Milton .....	Brinckerhoff, N. Y.
Kelley, Charles Gerald .....	McArthur
Kelley, Paul Hastings .....	Freeport
Koons, Herbert Nelson .....	Athens
Lancaster, Hubert Ernest .....	Nelsonville
Minesinger, Thomas William .....	New Cumberland, W. Va.
Morgan, Thomas Francis .....	Jackson
Nessler, Sidney Louis .....	Sidney
Nye, Robert Eugene .....	Chauncey
Pidgeon, Howard A. ....	Pennsville
Roley, Ray DeWitt .....	Basis
Russell, John Edgar .....	South Burgettstown, Pa.
Stewart, Charles G. ....	Hockingport
Verwohlt, Clarence Herman .....	Tiltonsville
Wasley, Stuart Johnson .....	Bristol, Conn.
Watson, Wade Trafton .....	Jelloway

Weisenberger, Leo Lewis .....	McArthur
Wisda, James William .....	Ney
Wolf, William Fenton .....	Nelsonville
Yaw, Otto Virgil .....	Glouster

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## SCHOOL OF COMMERCE

### TWO-YEAR COLLEGIATE COMMERCIAL COURSE

#### FINISHED IN 1909

Bingham, Garnet Gertrude .....	Athens
Cable, William Ransom .....	Athens
Livingston, Alfred Erwin .....	Athens
Sanzenbacher, Elizabeth .....	Piqua

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#### SECOND COLLEGIATE YEAR

Beckley, Harry Clyde .....	McArthur
Carr, Lillian Mabel .....	Wellston
Cranmer, Harvey Edward .....	Athens
Forsyth, Florance D. ....	Monongahela, Pa.
Grady, William Earle .....	Nelsonville
Hasegawa, Kataro .....	Tokyo, Japan
Junod, Grace Marie .....	Athens
Moler, Arthur Lee .....	Athens
Palmer, James Alonzo .....	Athens
Parks, Hugh Whiteford .....	Hopedale
Pownall, Horton Calahan .....	Pomeroy
Warren, Samuel Cyrus .....	Athens

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#### FIRST COLLEGIATE YEAR

Alkire, Abraham Ross .....	Mt. Sterling
Allen, William Herbert .....	Athens
Baker, George Krauth .....	Zanesville
Blackstone, Alva E. ....	Cumberland
Case, John Gail .....	Croton
Dixon, Mary Elizabeth .....	Orwell
Dixon, Charles Gaddis .....	Hopedale
Erf, George Arthur .....	Monroeville
Fulwider, Robert Lester .....	Athens
LeRoy, Bernard Reamy .....	Athens
Lewis, Ralph Amos .....	Sabina
Pickering, Goldie Gay .....	Athens
Smith, Roy Wilfred .....	Stewart
Young, Fred M. ....	Mt. Sterling

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**SPECIAL COURSE COMPLETED IN 1909**

Beckley, Harry Clyde (Accounting) .....	McArthur
Black, Margaret Geneva (Accounting) .....	Athens
Cable, William Ransom (Stenography) .....	Athens
Carr, Lillian Mabel (Accounting and Stenography) .....	Wellston
Cranmer, Harvey Edward (Stenography) .....	Athens
Dixon, Mary Elizabeth (Stenography) .....	Orwell
Eddy, Iva May (Accounting and Stenog- raphy) .....	Athens
Falloon, Helen Worth (Stenography) .....	Athens
Johnson, Howard Blane (Accounting) .....	Plants
McNutt, Nellie Margaret (Stenography) .....	Athens
Palmer, James Alonzo (Accounting) .....	Athens
Pickering, Goldie Gay (Accounting and Stenography) .....	Athens
Pownall, Horton Calahan (Accounting) .....	Pomeroy
Rose, Bessie Ella (Stenography) .....	Coolville
Sheumaker, Daisy Belle (Stenography) .....	West Rushville
Trimble, John Henry (Accounting) .....	Jacobsburg

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**REVIEW, SPECIAL AND COURSE UNFINISHED**

Adamson, Anna Isabelle .....	Nelsonville
Alderman, William Elijah .....	Athens
Alspach, Jesse D. ....	Canal Winchester
Anthony, Allen Dwight .....	Nelsonville
Ashbaugh, Robert Paul .....	Bremen
Atkinson, Zella Fern .....	Zanesville
Bailey, Clyde Martin .....	Waterford
Baughman, Virgil .....	New Marshfield
Bean, Bertha Estelle .....	Athens
Blizzard, Alpheus W. ....	Baltimore
Boghosian, Leon Hovsep .....	Teheran, Persia
Bonysteele, Park .....	Bellaire
Bower, Allen McClellan .....	Coshocton
Bowles, Hal Chalfan .....	Dexter
Boyd, Bert Dennis .....	Canal Winchester
Boyles, Anna May .....	North Lewisburg
Bray, Nellie Meredith .....	Logan
Burgoon, John Alden .....	Athens
Bushman, John Sylvester .....	Athens
Carpenter, Franklin Clyde .....	Athens
Carr, George E. ....	Stockport
Carter, Memphis Tennessee .....	Ennis, W. Va.
Chalmers, Jean Logan .....	Mineral City

Chappelear, Mary Laurette Burdsal .....	Athens
Clark, William Allen .....	Junction City
Cline, Wallace McKinley .....	Wilkesville
Clouse, John Henry .....	Junction City
Connett, Loring George .....	Athens
Connett, Raymond Wendell .....	Athens
Cooley, Calla Ernestine .....	Athens
Cooper, David Miller .....	Athens
Coovert, Edward Alexander .....	Eldorado
Cox, James Seth .....	Hamden Junction
Crisenberry, Minnie Ethel .....	Mt. Gilead
Crooks, William Henderson .....	Forest
Davis, John Bruce .....	Georgetown
Davis, Stanley .....	Oak Hill
Dickson, John Bernard .....	Athens
Dixon, Charles Gaddis .....	Hopedale
Donzy, Frederick William .....	Weston
Dougan, Stanley .....	Chesterhill
Douglas, Malcolm .....	Waverly
Du Bois, Herman Henry .....	Vigo
Earhart, Mazie .....	Athens
Elson, Harold Altair .....	Athens
Fagan, Nellie Gertrude .....	Athens
Fawcett, Marshall Lee .....	Rushsylvania
Feiock, Edward Clement .....	Lewisville
Fisher, Harry Everett .....	Highland
Fisher, Hugo Carl .....	New Bedford
Flood, John William .....	Rushville
Frame, Augustus John .....	Athens
Gabriel, George Moses .....	New Marshfield
Gibson, Clyde Owen .....	Amesville
Giminez, Joaquin .....	Remedies, Cuba
Glazier, Myron Selby .....	Amesville
Goddard, Betha Caroline .....	Cutler
Gonter, Allen James .....	Baltic
Green, Edith Mary .....	Newark
Gregg, Chandler Clark .....	Pleasant City
Griner, Harry Garfield .....	Amanda
Halbert, Earl W. ....	Canaanville
Hanson, Fred Halliday .....	Gallipolis
Hayes, Everett Raymond .....	Guysville
Heaton, Raymond Edison .....	Pomeroy
Hewitt, Milo Ephraim .....	New Marshfield
Hoisington, Ned Phillips .....	Amesville
Housel, Clay De Witt .....	Mogadore
Howell, Harley Millard .....	West Manchester
Hughes, Alonzo Bayard .....	Key
Hughes, George Russell .....	Key

Huhn, William .....	Hamden Junction
Hulbert, Harry Herman .....	Guysville
Hustis, Harold Milton .....	Brinckerhoff, N. Y.
Jacoby, Porter Leo .....	Nelsonville
Johnson, William Finley .....	Jackson
Jones, Evan Johnson .....	Athens
Josten, Fred John .....	Athens
Joyce, Frank Mathew .....	Canaanville
Kanable, Grover Guy .....	Osceola
Kelley, Paul Hastings .....	Freeport
Lamb, Grace Martha .....	Middleport
Lancaster, Hubert Ernest .....	Nelsonville
Lapp, Paul George .....	Bucyrus
Lash, Mayme Belle .....	Athens
Lee, Myrtle Ethel .....	St. Louisville
Lenhart, Vinton Raymond .....	Coshocton
Liggett, Madge .....	Plain City
Lindley, David Howell .....	Hamilton
Linton, Gladys Amy .....	Athens
Love, Bessie E. ....	Athens
Lovell, Hazel Josephine .....	Glouster
Lucas, John Henry, Jr. ....	Ironton
Ludwick, Audra Marie .....	Stewart
McBee, Harry Brunker .....	Athens
McCarthy, Phillip F. ....	Logan
McClead, Frances .....	Athens
McCorkle, Charles Edward .....	Dawson
McDowell, Gladys Aileen .....	Plain City
McFarland, Heber M. ....	Center Belpre
McGlinchay, Viola Blanche .....	Galloway
McIntyre, Beatrice Perdue .....	Athens
McIntyre, Dorthula Jeannette .....	Athens
McLean, Mary Elizabeth .....	East Liverpool
McVay, Orville Clifford .....	Albany
Mace, Lulu Edna .....	Athens
Martin, Neil McCune .....	Columbus
Maxwell, Robert Alfred .....	Athens
Mayes, James Ray .....	Steubenville
Mellinger, John Frank .....	Nelsonville
Mergler, Paul William Darnoc .....	Mt. Washington
Merrell, Frederick .....	Cutler
Miller, Earle Augustus .....	Athens
Miller, Ernest Carl .....	Lorain
Miller, Orla Glen .....	Athens
Miller, Rev Whittaker .....	New Paris
Morton, Winifred Helen .....	Ironton
Myerholts, Nellie Elizabeth .....	Rocky Ridge
Parker, Sidney Lester .....	Athens

Patterson, Charles Reif .....	Piketon
Perkins, William M. ....	McArthur
Pidgeon, Howard A. ....	Pennsville
Plummer, Carrie Alta .....	Jackson
Portz, Edward .....	Newcomerstown
Portz, Warren Phillip .....	Newcomerstown
Powell, Roland Edgar .....	Beckett
Pugh, Orren Lamar .....	Shreveport, La.
Rader, Walter Earl .....	Pataskala
Rigby, Hazel Elizabeth .....	East Liverpool
Robinson, Ward William .....	Bellville
Roley, Ray De Witt .....	Basil
Russell, Charles Higgins .....	Athens
Ruston, Caroline Therese .....	Athens
Schilling, Joseph Edward .....	Collins
Schloss, Mary Magdalene .....	Athens
Scott, Sara Elma .....	Mt. Pleasant
Secoy, Mary Elizabeth .....	Athens
Sherman, George Leslie .....	Athens
Shields, Lennie Mabel .....	Guysville
Silvus, William Green .....	Athens
Smith, Roy Wilfred .....	Stewart
Simpson, Anna Porter .....	Nelsonville
Springer, Emmett Vance .....	Richmonddale
Starr, Dano Elmer .....	Athens
Stewart, Charles G. ....	Hockingport
Stewart, James Franklin .....	Jackson
Stine, Walter Cleveland .....	Creola
Stout, Orin Clark .....	Stoutsville
Taylor, Mason Elijah .....	Jamestown
Tewksbury, Abbie Merle .....	Athens
Tewksbury, Carl Logan .....	Blanchester
Timmerman, Warren Gust .....	Oak Harbor
Tracey, Arthur Clyde .....	Cutler
Van Atta, Pleasy Leonard .....	Crooksville
Van Dorn, Olive J. ....	Pataskala
Verwohlt, Clarence Herman .....	Tiltonsville
Walls, Calla King .....	Athens
Walpole, Alva Branson .....	Malta
Ward, Mary .....	Athens
Watkins, Sidney .....	Luhrig
White, Alexander Paul .....	Fairmont, Ill.
White, Robert Lee .....	Fairmont, Ill.
Wiest, Pauline Matilda .....	Mineral City
Williams, Elmer Francis .....	Frankfort
Williams, Reese Edgar .....	Glouster
Wolf, William Fenton .....	Nelsonville
Woodruff, Emma Birdella .....	Athens

Woods, Leland Samuel .....	Andover
Yaw, Otto Virgil .....	Glouster
Yoakem, Foster Mendelhall .....	Vigo
Young, Nell Vanetta .....	Athens
Young, Nita Estella .....	Nelsonville

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## COLLEGE OF MUSIC

Alderman, Nelle Addine .....	Athens
Alderman, William Elijah .....	Athens
Allen, Carrie .....	Sayre
Allen, David Scott .....	Athens
Angell, Mary Leah .....	Athens
Armitage, Harriet Dean .....	Athens
Arnold, Ethel .....	Youngstown
Atkinson, Gertrude Aldine .....	Athens
Atkinson, Zella Fern .....	Zanesville
Bailey, Laura Belle .....	Athens
Baker, Faye Athens .....	Athens
Baker, George Krauth .....	Zanesville
Baker, Helen Weber .....	Zanesville
Barnes, Lena Blanche .....	Shiloh
Basom, Joseph Newland .....	Athens
Batterson, Iva Pearl .....	Bryan
Bean, Cecil Calvert .....	Athens
Bean, Leo Chapman .....	Gallipolis
Bell, Edna May .....	Jeffersonville
Benedict, Besse Mae .....	Greenwich
Bethel, McKinley .....	Athens
Bethel, Nina Pauline .....	Athens
Bishop, Lenora Belle .....	Athens
Black, Flora Miriam .....	Athens
Boelzner, Wilhelmina Rosina .....	Athens
Bolton, Agnes Sheppard .....	Athens
Bolton, Julia .....	Athens
Bonawit, Ida Alberta .....	Rising Sun
Bowen, Nelle Edith .....	Cambridge
Bowers, Lena .....	Albany
Bowser, Ida Elizabeth .....	Athens
Brickles, Flora Rebecca .....	Athens
Brickles, Lulu Harper .....	Athens
Brisson, Mary Juanita .....	West Gore, N. S.
Brooks, Dana Frances .....	Athens
Brooks, Nellie Marie .....	Athens
Brown, Mary Isabella .....	Caldwell
Bryson, Lucy Weethee .....	Athens
Bryson, Phyllis .....	Athens

Buchanan, Edith Amanda .....	Basil
Buchanan, Hazel Chestina .....	Athens
Buchanan, James Williams .....	Basil
Bush, Gordon Kenner .....	Athens
Bush, Marian Claiborne .....	Athens
Burrell, George Richard .....	Freeport
Burson, Lucile Coe .....	Shade
Cable, Julia Luella .....	Athens
Cable, Pearl Golden .....	Nelsonville
Cagg, Miles Herbert .....	Nelsonville
Carpenter, Aileen Clare .....	Athens
Carpenter, Alfred .....	Glouster
Carpenter, Anna Adrian .....	Athens
Carpenter, Freda .....	Athens
Carskadden, Adria Aldine .....	Athens
Carter, Winifred .....	West Union, W. Va.
Carty, Frank Branson .....	Athens
Chappelear, Faith Christine .....	Athens
Chappelear, Mary Laurette Burdsal .....	Athens
Chrisman, Oscie Dru .....	Athens
Claypool, Garnet Louise .....	Nelsonville
Cline, Bessie M. ....	Athens
Cline, Edna Blanche Clare .....	Albany
Cochran, William Brook .....	Delaware
Copeland, Anna Charlotte .....	Athens
Copeland, Dean Burns .....	Athens
Copeland, Edna Florence .....	Athens
Copeland, Nelle Elizabeth .....	Athens
Cousins, Grace Josephine .....	Athens
Crippen, Helen Virginia .....	Athens
Cromer, Paul Eli .....	Springfield
Cromley, Edith Baker .....	Athens
Crossland, Hazel Faye .....	Zanesville
Crumit, Frank Poore .....	Jackson
Cuckler, Katherine Eunice .....	Athens
Cuckler, Minnie Luella .....	Athens
Curfman, Dwight .....	Glouster
Dailey, Margaret Foster .....	Athens
Dais, Katherine .....	Athens
Danford, Marian Blanche .....	McConnellsville
Davis, Margaret Anne .....	Clay
Davisson, Venus Marie .....	Charlestown, W. Va.
Driggs, Bessie Irene .....	Athens
Duncan, Flossie Adrienne .....	Athens
Dunkle, Herbert Bothwell .....	Athens
Duppstadt, Clara Belle .....	Somerset, Pa.
Dutnell, Isabella Louisa .....	North Ridgeville
Dye, Marian Rebecca .....	Hamden Junction



Earhart, Elizabeth .....	Athens
Eaton, Mary Jane .....	Circleville
Edwards, Ruie Folsom .....	West Carlisle
Falloon, Helen Worth .....	Athens
Fenzel, Frank William .....	Athens
Fenzel, Maude Lillian .....	Athens
Fenzel, William Henry .....	Athens
Ferrell, Carl Kenneth .....	Zanesville
Finsterwald, Nelle .....	Athens
Foley, Winthrop Edwin .....	Beverly, Mass.
Foster, Della Maude .....	Warsaw
Foster, Frances .....	Athens
Frost, Eva Della .....	Athens
Gage, Beatrice Nita .....	Cutler
Gamble, Sylvia Vesta .....	Athens
Goldsberry, Blaine Randolph .....	Athens
Goldsworthy, John .....	Glouster
Gordon, John .....	Glouster
Green, Lizzie Belle .....	Athens
Greenberg, Sydney .....	Jamaica, N. Y.
Gross, Carl Lenox .....	Athens
Hall, Elizabeth Henderson .....	Marietta
Harter, Florence Elizabeth .....	Bellville
Hartinger, Edith Lust .....	Pomeroy
Hartley, Roy .....	Beaumont
Hauschildt, Lillian Mabel .....	Piqua
Hayes, Clara Genevieve .....	Athens
Hayes, Rose Elizabeth .....	Athens
Heald, Hattie Estelle .....	Cutler
Heaton, Raymond Edison .....	Pomeroy
Helder, Flora Irene .....	Port Washington
Henry, Lucile Rebecca .....	Athens
Henry, Virgene Woodworth .....	Athens
Higgins, Bessie Inez .....	Chauncey
Higgins, Hannah Louise .....	Athens
Hildebrand, Frederick Byron .....	Cutler
Horsnell, Anna Mabel .....	St. Paul, Minn.
Hughes, Milton De La Haye .....	Monroeville
Huhn, William .....	Hamden Junction
Hunter, Marie Douglas .....	Athens
Huston, Susanna Edith .....	Glouster
Irvine, Hannah Everett .....	Little Hocking
Jackson, Pearl M. ....	Jonesboro, Ind.
Jenkins, Ida Ethel .....	Berlin Heights
Jones, Anna May .....	Glouster
Jones, Mattie May .....	Athens
Jones, Roger Johnson .....	Athens
Junod, Grace Marie .....	Athens

Kasler, Ray Golden .....	Trimble
Kelley, Carl Chester .....	Athens
Kelley, Hattie Luella .....	Lima
Kelley, Margaret Beatrice .....	Freeport
Kennaw, Ethel Magdalene .....	Athens
Kirk, Georgiana .....	Jeffersonville
Koons, Lena Imogene .....	Athens
Koons, Nelle Murael .....	Athens
Krapps, Hazel L. ....	Athens
Krapps, Zelma Katherine .....	Athens
Krout, Jennie May .....	Bremen
Kurtz, Frank Bartlett .....	Athens
Langdon, Emma May .....	Washington C. H.
Lantz, Dena Merle .....	McArthur
Lantz, Purle Frances .....	McArthur
Lapp, Hulda Lulu .....	Bucyrus
Law, Christine Elizabeth .....	Chauncey
Lawrence, Majel .....	Coolville
Lawton, Helen Elizabeth .....	Barlow
Le Favor, Manning Morton .....	Gloverston
Leake, Edith Marie .....	Croton
Lee, Myrtle Ethel .....	St. Louisville
Leete, Constance Grosvenor .....	Athens
Leete, Louise Grosvenor .....	Athens
Lively, Sarah Joanna .....	Albany
Logan, Elizabeth Merle .....	Athens
Logan, Olive Virginia .....	Athens
Lovell, Hazel Josephine .....	Gloverston
Lumley, Bertha .....	Rootstown
Lutton, Florence Edna .....	Delta
Lynn, Allen Blaine .....	Somerton
McBee, Edith Forrest .....	Athens
McDonald, Flora Vista .....	McConnelsville
McElhiney, Velma Catherine .....	Rokeby Lock
McKee, Helen Josephine .....	Caldwell
McKinstry, Cassandra Bartlett .....	Athens
McKinstry, Mary Claire .....	Athens
McNaughton, Birdie Lillie .....	Brecksville
McVay, Charles Don .....	Athens
Martin, Peter Elwyn .....	Athens
Mechlin, Russell Horace .....	Winchester
Merrill, Lee Dale .....	Blacklick
Merritt, Kathleen Wood .....	Athens
Merritt, William Schory .....	Athens
Merwin, Margaret .....	Athens
Michener, Effie .....	Chesterhill
Miesse, Florence Marguerite .....	Chillicothe
Miller Dorothy De Vore .....	Mingo

Miller Harry Percy .....	Cincinnati
Millikan, Agnes Dyson Beck .....	Athens
Mills, Mildred .....	Athens
Mitchell, Eva Louise .....	Pt. Pleasant, W. Va.
Moore, Jo Alma .....	Athens
Moore, Sylvia .....	Athens
Moorefield, Effie Armenia .....	Hocking
Moorefield, Freeda Ellen .....	Hocking
Morgan, William Thomas .....	Athens
Morris, Leota Blanche .....	Harrisville
Mott, Cinderilla Mae .....	Cortland
Murphey, Agnes .....	Murray City
Myers, Faith Lavonne .....	Athens
Myers, Oral Hunton .....	Lancaster
Nelson, Florence Elizabeth .....	Athens
Newton, Madge Alice .....	Athens
Nixon, Samuel J. ....	New Straitsville
Nungesser, Anna Rosene .....	Beidler
Nye, Bessie .....	Chauncey
O'Connor, Gertrude .....	Stewart
Palmer, Edith .....	Athens
Palmer, Raymond Lee .....	Pataskala
Parfitt, Blanche .....	Nelsonville
Parker, Edna Lucile .....	Athens
Parker, May Margaret .....	Athens
Parker, William Floyd .....	Athens
Percy, Willard Henry .....	Athens
Pickering, Anna Catherine .....	Athens
Plummer, Ruby Magdalene .....	Jackson
Porter, Bessie Maude .....	West Carlisle
Porter, Dana Dor .....	West Carlisle
Portz, Edward .....	Newcomerstown
Portz, Ella Clara .....	Newcomerstown
Poston, Mary .....	Athens
Powell, Roland Edgar .....	Sonora
Pryor, Gypsy Dora .....	Eastbank, W. Va.
Radcliff, Ethel Omega .....	Athens
Rambo, Florence Marie .....	Zanesville
Reeder, Grace .....	Athens
Ridenour, Harry Lee .....	New Lexington
Roach, Aldine Wescott .....	Athens
Roach, Edith Marie .....	Athens
Robinett, Maude Grace .....	Albany
Roush, Helen Elizabeth .....	Athens
Roush, Lillian A. ....	Athens
Rucker, Ethelinda .....	Rappsburg
Russell, John Edgar .....	South Burgettstown, Pa.
Russell, Mary .....	Sarahsville

Sands, Anna Elizabeth .....	Zaleski
Sands, Florinel A. ....	Zaleski
Sandwich, Freda Elizabeth .....	Woodville
Saunders, A. Letha .....	Guysville
Sayre, Arthur Alan .....	Athens
Schadle, Lulu Estelle .....	Amanda
Schupp, Lena .....	Port Washington
Scott, Sara Elma .....	Mt. Pleasant
Secoy, Ina May .....	Athens
Secoy, Wilbur M. ....	Athens
Shirkey, Della Miriam .....	Jacksonville
Shively, Harold Hastings .....	McArthur
Sims, William M. Tecumseh Sherman .....	Athens
Sines, Mabel Alice .....	Nelsonville
Skinner, Mary .....	Barnesville
Smith, Mary Vanetta .....	Athens
Smith, Roy Wilfrid .....	Stewart
Smith, Sandy A. ....	Athens
Smith, Winifred Racinia .....	Pomeroy
Speck, Austa Belle .....	Uhrichsville
Speck, Frank Richards .....	Uhrichsville
Sprague, Lenore Adelaide .....	Chauncey
Stage, John Edward .....	Lancaster
Starr, Dano Elmer .....	Athens
Starr, Elma Vera .....	Athens
Stauffer, Cela Louise .....	Clarington
Stevenson, Martha Estelle .....	Athens
Stewart, Hulda Ellen .....	Harrisonville
Stewart, Mabel Emma .....	Canisteo, N. Y.
Stissell, Lena May .....	Athens
Summers, Duncan .....	Athens
Swope, Russell .....	Glouster
Taggart, Florence Estelle .....	East Liverpool
Taylor, Susie .....	Athens
Taylor, Zera Gibson .....	Petrolia, Pa.
Teele, Edith Blanche .....	Rushville
Theobald, Hedwig .....	Columbus
Thorpe, Eva Marie .....	Caldwell
Thrash, Curtis Monroe .....	Carroll
Thurlow, Genevieve Baker .....	Athens
Tom, Fred Lee .....	New Concord
Treudley, Ruth .....	Athens
Tuttle, Claribelle Emmeline .....	Andover
Ullom, Charlotte Devol .....	Athens
Van Valey, Gladys Lucile .....	Athens
Voegtly, Nelle Leona .....	Hannibal
Voigt, Emma Marie .....	Holgate
Walsh, Beatrice Agnes .....	Athens

Walter, Esther Juanita .....	Clarington
Warner, Nora Theresa .....	Oreton
Warrener, Mary Estelle .....	Athens
Warthman, Wilma Hayes .....	Athens
Watts, Mary Ora .....	Grove City
Welch, Edwin Charles .....	Athens
Welday, Samuel Oliver .....	Bloomington
West, Ellis Wilbur .....	New Concord
Westhafer, Ella Virginia .....	Uhrichsville
Wharton, Leah .....	Barnesville
White, Clyde Lawrence .....	Coolville
Wilcox, Julia Ida .....	Hudson
Wilkes, Marie Carsonia .....	Athens
Wilkes, Marie Constance .....	Athens
Williams, Anna Pearl .....	Athens
Williams, Clara Duncan .....	Athens
Williams, Freda .....	Springfield
Williams, Mary Margaret .....	Athens
Williamson, Charles Owen .....	Lancaster
Williamson, John .....	Glouster
Wilson, Florence Craig .....	Athens
Wilson, Grace .....	New Martinsville, W. Va.
Witt, Charles Edward .....	Athens
Wolfe, Forrest Eugenia .....	Athens
Woods, Olah Angell Hooper .....	Athens
Wyatt, Garnett Clare .....	Glouster
Yankey, Flora Gay .....	Madisonville
Zenner, David Roe .....	Athens
Zenner, Philip McKnight .....	Athens
Zimand, Elizabeth .....	Brooklyn, N. Y.

### SUMMER SCHOOL

Adam, Mary Helena .....	Newark
Adams, Ella Jean .....	Highland
Adams, Harry .....	Portland
Adams, John William .....	Newark
Adams, Ruth .....	Hillsboro
Albright, John Grover .....	New Holland
Alderman, Nelle Addine .....	Athens
Alexander, Rosanna Blanche .....	Proctorville
Alford, Sara Kilgore .....	Bremen
Allen, Carrie Ocella .....	Sayre
Allen, Walter Osman .....	New Plymouth
Allison, Walter .....	South Solon
Amendt, Lucile .....	New Philadelphia
Anderson, Beulah .....	Martin's Ferry

Andrew, Lou Edna .....	Cincinnati
Andrews, Adda .....	Glouster
Anthony, Allen Dwight .....	Nelsonville
App, Helen .....	Frankfort
Applegate, Amy Lucinda .....	Youngstown
Arbaugh, Margaret May .....	Jewett
Armstrong, Eugene Franklin .....	Kenton
Arter, Flossie Belle .....	Clinton
Aschbacher, George Franklin .....	Oak Harbor
Aten, Ada Adale .....	Groveport
Bailey, Zilpha Delana .....	Athens
Baker, Faye Athens .....	Athens
Baldwin, Harley Eugene .....	Cortland
Barber, Mary Dana .....	Fremont
Barnes, Bernice Belle .....	Bowenston
Barnes, Elsie Pearl .....	Shiloh
Barnes, Lena Blanche .....	Shiloh
Barnett, Mary Johnson .....	Corning
Barton, Clinton Carlos .....	Adelphi
Battan, Bessie .....	Thornville
Batterson, Iva Pearl .....	Bryan
Baxter, Edith Pearl .....	Fayette
Bean, Cecil Calvert .....	Athens
Bean, Dollie Hooper .....	Twinsburg
Bean, Edgar Ellsworth .....	Athens
Bean, Leo Chapman .....	Gallipolis
Beard, Rex Warren .....	Pioneer
Beath, Emma Augusta .....	Hillsboro
Beattie, Nellie .....	New Straitsville
Beavan, Mayme .....	New Straitsville
Beckett, Doreta Josephine .....	North Baltimore
Belford, Clara Alice .....	Belle Valley
Bell, Edna May .....	Jeffersonville
Bell, Minnie Madrey .....	Athens
Belt, Harry Hugh .....	Butler
Benfer, Dwight Carlisle .....	Strasburg
Bent, Pearle .....	West Union, W. Va.
Bentley, William Prescott .....	Athens
Bethel, McKinley .....	Athens
Biddle, Clinton Poston .....	Athens
Bierer, Martin Ellsworth .....	Harrisville
Bingham, Mayme A. ....	Byesville
Bishop, Ina Isabelle .....	Newark
Bitzer, Charles Alfred .....	Adelphi
Blackstone, Alva .....	Cumberland
Blackwood, Linnie Ethel .....	Coolville
Blackwood, Mary Letha .....	Coolville
Blizzard, Alpheus W. ....	Baltimore



Boelzner, Emma Edith .....	Athens
Boghossian, Menos Hovsep .....	Teheran, Persia
Behrer, Jay Verne .....	Toledo
Bonifield, Minnette .....	New Concord
Bolton, Clara Amanda .....	Findlay
Bolton, Gladys Myrtle .....	Findlay
Bolton, Rudolph Ray .....	Mendon
Border, Chauncey Abraham .....	Strasburg
Bouts, John Harry .....	South Webster
Bowden, Robert Garfield .....	Brownsville
Boyles, Ethel Vida .....	North Lewisburg
Brandt, Susie Ora .....	Kilgore
Bray, Nellie Medrith .....	Logan
Brickless, Lulu Harper .....	Athens
Briggs, Chloe Theresa .....	Dexter City
Britton, Gussie .....	West Union, W. Va.
Brooks, Eva .....	New Marshfield
Brooks, James .....	New Marshfield
Brown, Bonnie May .....	McArthur
Brown, Helen Du Vall .....	New Vienna
Brown, John Augustus .....	Corning
Brown, Theodosia .....	New Philadelphia
Brownfield, Elizabeth .....	Woodsfield
Buch, Caroline Mary Ella .....	Massillon
Buchanan, David Lewis .....	Unionport
Buchanan, James William .....	Baltimore
Burdette, Anna .....	Ironton
Burkett, Mary Julia .....	McArthur
Burns, Edna Primrose .....	McArthur
Burriss, Lorena .....	Mt. Pleasant
Burriss, Maude .....	Mt. Pleasant
Bushman, John Sylvester .....	Athens
Cagg, Miles Herbert .....	Nelsonville
Callaghan, Anna .....	Dennison
Callaway, Susie Elizabeth .....	Hillsboro
Cameron, Albert F. ....	Bourneville
Cameron, James Blaine .....	Bainbridge
Cameron, Olive .....	Athens
Campbell, Rosa Alice .....	St. Louisville
Carey, Ethel .....	New Vienna
Carr, Florence .....	Hilliard
Carskadden, Adria Aldine .....	Athens
Carter, Memphis Tennessee .....	Ennis, W. Va.
Carter, Winifred .....	West Union, W. Va.
Case, John Gale .....	Croton
Casey, Lenna .....	Nelsonville.
Cash, Hamilton La Rue .....	New Marshfield
Cheeseman, Franklin Prime .....	Slippery Rock, Pa.

Cheeseman, Redick C. ....	Grove City, Pa.
Cheeseman, William Carl ....	Slippery Rock, Pa.
Cherrington, Harold Edgar ....	Alice
Chubb, Edwin Downer ....	Athens
Chute, Berenice Fauney ....	Jacksonville
Clark, Elizabeth Edith ....	Hillsboro
Clapper, Daniel Webster ....	Chandlersville
Cleveland, Anna Belle ....	Galena
Cline, Herman Albert ....	Waverly
Cockerell, Harry Lawrence ....	Stcrms
Coe, Alta Mildred ....	Albany
Colegrove, Jennie Moore ....	Sayre
Colley, Lillian ....	Weston
Collins, Anastasia Theresa ....	Athens
Collins, Jacob Roland ....	Athens
Comstock, Joseph Hooker ....	Athens
Conn, Jennie Jean ....	Newark
Conner, Myra Vail ....	Byesville
Connett, Mary ....	Athens
Cooley, Calla Ernestine ....	Athens
Cooper, Benjamin Levi ....	Pataskala
Cooper, David Miller ....	Athens
Cooper, Lillian ....	Washington, Ind.
Cooperrider, Charles Knesal ....	Brownsville
Copeland, Charlotte ....	Athens
Copeland, Edna Florence ....	Athens
Copeland, Thomas Harold ....	Athens
Copeland, Nelle Elizabeth ....	Athens
Costigan, Statia ....	Berlin Heights
Coulter, Florence Belle ....	Newark
Coultrap, Manly Lawrence ....	McArthur
Cox, Albert Ray ....	Woodsfield
Cox, Charles Brown ....	Leesburg
Cox, James Seth ....	Hamden Junction
Creal, Clara ....	New Philadelphia
Creamer, George Fulton ....	Bridgeport
Cronin, Hazel ....	Graysville
Cromer, Horace Emerson ....	Springfield
Cromer, Paul Eli ....	Springfield
Crossland, Hazel Faye ....	Zanesville
Crothers, Julia Campbell ....	Belpre
Crow, Bertha ....	Orient
Cryder, Maude Ethel ....	Gillespieville
Cuckler, Minnie Luella ....	Athens
Cullums, Walter Meredith ....	Athens
Cunningham, Virginia Belle ....	Poca, W. Va.
Curry, Adeline Gertrude ....	McArthur
Curtis, Grace ....	Amesville

Dailey, Bertha .....	Hilliard
Dailey, Bessie Lee .....	Austin
Dailey, John E. ....	McConnelsville
Danison, Estella Grace .....	Lancaster
Darby, Albert F. ....	Corning
Darrah, Norah .....	Macksburg
Daubenmire, Nellie Faye .....	Pleasantville
Davis, Hazel Gertrude .....	Granville
Davis, Margaret Anne .....	Clay
Davis, Mary Winifred .....	Oak Hill
DeLong, Howard William .....	Brownsville
Denison, Hazel Ruth .....	Junction City
Deputy, Mary Lee .....	Springfield
Dice, Hazel Edna .....	Clinton
Dickerson, Harlan Jewett .....	South Zanesville
Dixon, James Floyd .....	Jackson
Dorn, Cloyd Counts .....	Sedalia
Dornbusch, Wesley Norman .....	Woodsfield
Dowd, Olive Gertrude .....	McArthur
Dowler, Georgia .....	Athens
Dozer, Cora Ellen .....	Philo
Drake, Jesse Sanford .....	Glouster
Drummond, Jennie May .....	Oak Hill
Drury, Bertha Belle .....	New Lexington
Dumm, George Harley .....	Brownsville
Dunbar, Anna Katherine .....	Hilliard
Dunford, Charles Scott .....	Amanda
Dunkle, Herbert Bothwell .....	Athens
Dye, Frank Argyle .....	Zanesville
Dyer, John Ruskin .....	Woodsfield
Eachus, Ida .....	Gallipolis
Eagin, Blanche .....	Hubbard
Eakin, Charles Thornton .....	Negley
Earhart, Mazie Ada .....	Athens
Eaton, Mary Jane .....	Circleville
Edwards, Ella Josephine .....	Cortland
Elliott, Mary .....	Hillsboro
Elson, Delma Viola .....	Athens
Elson, Winfred Paul .....	Athens
England, Osie .....	Chillicothe
Epler, Mabel M. ....	White House
Erf, George Arthur .....	Monroeville
Erskine, Mildred Fern .....	Caldwell
Evans, Amy Cole .....	Portsmouth
Evans, Jennie .....	Athens
Fairall, Nellie Blanche .....	Black Run
Falloon, Helen Worth .....	Athens
Farmer, Mary Orpha .....	Portsmouth

Fassett, Charlotte Mary .....	Findlay
Fattig, Perry Wilbur .....	Bremen
Feisley, Carrie Ora .....	Clarington
Fenner, Bessie O. ....	Galloway
Fenzel, Frank William .....	Athens
Finsterwald, Fredia .....	Athens
Finsterwald, Nelle .....	Athens
Fishel, Waite .....	Pleasant City
Flegal, Margaret Catherine .....	Zanesville
Flesher, Orion Herbert .....	Middleport
Fling, Albert Chaney .....	Hillsboro
Fogle, Clyde Thomas .....	Lore City
Foltz, Iva Grace .....	North Baltimore
Ford, Joao de Oliveira .....	San Paulo, Brazil
Fordyce, Edna Josephine .....	Pennsboro, W. Va.
Forsyth, Florance D. ....	Monongahela, Pa.
Forsythe, Elsie .....	Granville
Foutch, Lena Elizabeth .....	Athens
Franklin, William .....	Athens
Freeman, Allen Perdue .....	Galena
Freeman, Mabel Leota .....	Worthington, Ind.
Fri, Iller Edwin .....	Creola
Frye, Glenn .....	Dayton
Fulwider, Albert Paul .....	Athens
Gage, Gladys .....	Lowell
Gardner, Edith Estelle .....	Proctorville
Gardner, Elizabeth Pearl .....	Proctorville
Garman, Harriet .....	Bainbridge
Gaskill, Pearly .....	Athens
Geer, Ethel .....	Toledo
Giesey, Julia Etta .....	Smithfield
Gilbert, Forest Fern .....	Rockland
Gilham, Goldie Faye .....	New Marshfield
Gillespie, Paul Smith .....	Pleasant City
Gintz, Flora Pearl .....	New Philadelphia
Glass, Emma O. ....	Beverly
Glenn, Hazel Mary .....	Gallipolis
Goddard, Betha Caroline .....	Cutler
Goddard, Fred Benoni .....	Cutler
Goddard, Ray Rondeau .....	Cutler
Goldsberry, John Russell .....	Athens
Goldsworthy, John .....	Glouster
Goodwill, Linnie Dell .....	Macksburg
Gorslene, Bessie Mabel .....	Athens
Grady, William Earl .....	Nelsonville
Grady, Nannie Edra .....	Chillicothe
Grant, Mary .....	South Webster
Gray, Margaret .....	McConnellsburg, Pa.

Gray, May Eleanor .....	Medina
Greathead, Elsie Selene .....	McConnellsburg, Pa.
Gregg, Chandler Clark .....	Pleasant City
Griesheimer, Essie Maud .....	Chillicothe
Griesheimer, Viola Pearl .....	Chillicothe
Griffith, Cecil Ray .....	New Lexington
Griffith, Leona Bertha .....	Granville
Grimes, John Odus .....	Cumberland
Grones, Dow Seigel .....	Athens
Grossman, James Daniels .....	Fredericktown
Growdon, Clarence Holmes .....	Chillicothe
Gutenshon, Emma Sarah .....	Gnadenhutten
Haines, Iva .....	Athens
Haley, Anna .....	Wheelersburg
Hall, William Loring .....	Port Washington
Hall, Elizabeth Henderson .....	Marietta
Hall, Linnie Letitia .....	New Matamoras
Hall, Lua .....	Andover
Hammond, Carrie Thorne .....	Milan
Hammond, Ida .....	Hammond, Pa.
Hammond, Ernest .....	Milan
Hammond, Merle May .....	Shawnee
Hanes, Mabel Edna .....	Sonora
Hanson, Fred Halliday .....	Gallipolis
Hanley, Blanche Katherine .....	Findlay
Hartsel, Cloyd Campbell .....	Polk
Harvey, Donald Lee .....	Lancaster
Hawk, Anna Laura .....	Jacksonville
Hawk, Lena May .....	Sargent
Hawk, Lola Ruby .....	Gallipolis
Hayden, Charles Ernest .....	Nelsonville
Hearn, Clara .....	Athens
Heindenreich, Else .....	Cleveland
Helder, Clara Elizabeth .....	Port Washington
Helder, Flora Irene .....	Port Washington
Helms, Harry William .....	Pioneer
Hemphill, Winona .....	Copley
Hemphill, Roberta May .....	Copley
Hempy, Rhea E. ....	Pleasantville
Henderson, James Frederick .....	Portland
Herrold, Daisy Irene .....	Nelsonville
Herrold, Grace May .....	New Plymouth
Hibbard, Donald William .....	Athens
Hickox, Jay Gilmore .....	Novelty
Higgins, Hannah Louise .....	Athens
Hightshoe, Edna .....	Somerset
Hill, Mary Ann .....	Corning
Hixon, Lucy Margaret .....	Millfield

Hoggard, Goldie Temple .....	Chillicothe
Holcomb, Ida May .....	Moxahala
Hoffman, Jennie Belle .....	Lancaster
Holland, Ora Marie .....	Corning
Holt, Mina Ethel .....	Sand Run
Hooper, Lulu Belle .....	Athens
Hoover, Emin Earl .....	Beaver
Hopkins, Rufus Carpenter .....	Athens
Horsman, Alice Lydia .....	Highland
Hughes, Clarence Joshua .....	Lancaster
Hunsicker, Hazel Virginia .....	Byer
Hunter, Emma .....	Gambier
Hupp, James Lloyd .....	Hemlock
Husung, Bessie .....	Toronto
Hutchins, Bessie .....	Caldwell
Imler, Mary .....	Laurelville
Isenhart, Minnie .....	Coolville
Jacoby, Margaret Gertrude .....	Harpersville
Jenkins, Ada Ethel .....	Berlin Heights
Jennings, Lucy Irma .....	Woodsfield
Jerman, Edith .....	Columbus
Johnson, Gladys Marguerite .....	Basil
Johnson, Jennie Olive .....	Norwich
Johnson, Laura May .....	Harrisburg
Johnson, Lorenzo Loudon .....	Eureka
Johnston, Amanda Grimes .....	Wellsville
Johnston, Reed Seth .....	Summit Station
Jones, Dorcas .....	Oak Hill
Jones, Ethel .....	Oak Hill
Jones, Rupel Johnson .....	Athens
Jones, Roger Johnson .....	Athens
Jones, Vera Dee .....	Newark
Joyce, Mary Ellen .....	Corning
Junod, Grace Marie .....	Athens
Justice, Blanche .....	Beach City
Justice, Glenn Leroy .....	Williamsport
Kagay, Harry Leon .....	Baltimore
Kaler, Mary Engle .....	Athens
Kasserman, Henry David .....	Hannibal
Katzenbach, Adda Lenore .....	Nelsonville
Kearney, Myra .....	Frankfort
Keck, Garnet Grace .....	McArthur
Keenen, Alice Cary .....	Newark
Kelley, Howard Ethan .....	Salineville
Kemp, Inez Mary .....	Martin
Kennon, Verna Virginia .....	Barnesville
Kern, Atta Brooks .....	Athens
Kerns, John Wesley .....	Beaver



Kerns, William .....	Beaver
Kerr, Paul Bentley .....	Hicksville
Kerwood, Halleck Floyd .....	Pleasantville
Keselring, Ormsby .....	Euphemia
Kessler, Laura Rebekah .....	Massillon
Kester, Effie Phoebe .....	Lancaster
Keyser, Florence Gertrude .....	Woodsfield
King, Mary Getzman .....	New Philadelphia
Kirk, Georgiana .....	Jeffersonville
Kirkendall, Harry Clark .....	Carmen, Okla.
Knecht, Fannie Evangeline .....	Lancaster
Knight, Charles Kelly .....	West Rushville
Knisley, Ida Kate .....	Bainbridge
Krabill, Grace Kathryn .....	Napoleon
Krapps, Zelma Katherine .....	Athens
Kratsch, Emma .....	Massillon
Kring, Ellen .....	Westerville
Krout, Webster Sherman .....	Bremen
Kryder, Lylah Villa .....	Parsons, W. Va.
Kumler, Nettie Elizabeth .....	Baltimore
Kurtz, Frank Bartlett .....	Athens
Lambert, Marion Theresa .....	St. Paul, Minn.
Landis, Ira Leroy .....	West Salem
Lanzer, Verna Viola .....	Beach City
Lauer, William Benjamin .....	Newport
Le Favor, Manning Morton .....	Glouster
Leake, Edith Marie .....	Croton
Lee, Bertha Elnora .....	Creola
Lee, Estella Clarissa .....	Athens
Lee, Francis Walter .....	Creola
Lee, Marie Beatrice .....	Parkersburg, W. Va.
Lee, Myrtle Ethel .....	St. Louisville
Lee, Rose Elizabeth .....	Findlay
Leech, John Baxter .....	Catlettsburg, Ky.
Lehman, Beatrice .....	Toboso
Leiter, Milton Monroe .....	Lewisburg
Lemon, Deane Vance .....	Hillsboro
Lenox, Emma .....	Nelsonville
Leroy, Bernard Reamy, Jr. ....	Athens
Ley, Lester Herman .....	Port Washington
Leyda, Mabel Irene .....	Cutler
Lindemood, Clifford Ellsworth ..	Lower Salem
Linscott, Gladys .....	Trimble
Livingston, Alfred Erwin .....	Athens
Love, Bessie E. ....	Athens
Long, Ethel Elizabeth .....	Groveport
Long, James Arthur .....	Washington C. H.
Lutton, Florence Edna .....	Delta

Lynn, Allen Blaine .....	Somerton
McBride, Grace Edna .....	Middletown
McBride, Mary Adine .....	Columbus
McCandlish, Belle .....	Bremen
McClung, Julia Anne .....	Parkersburg, W. Va.
McCorkle, Walker Ellsworth .....	Dawson
McCullough, Daisy .....	Bremen
McDaniel, Amelia Jane .....	Institute, W. Va.
McDougal, Gilbert .....	Athens
McElhiney, Velma Catherine .....	Rokeby Lock
McFadden, Jessie .....	Cadiz
McGrew, Vera .....	New Athens
McHenry, Elle .....	Athens
McIlquham, Minnie Forbes .....	Toledo
McKenzie, Elizabeth Sarah .....	Circleville
McKenzie, Katherine Celia .....	Circleville
McKinley, Hilda Swysgood .....	Harrisburg
McLaughlin, George Ephraim .....	Wilkesville
McLaughlin, Henry Max .....	Wilkesville
McMahon, Lulu Robbins .....	Johnstown
McManigal, Florence Alokee .....	Logan
McMaster, Mabelle Rose .....	Brownsville
McTeague, Andrew William .....	Columbus
McVay, Francis Halbert .....	Beverly
McVay, Charles Don .....	Athens
McWilliams, Oliver Kent .....	Cleveland
Mack, Wista Evelyn .....	Lancaster
Mallett, Harry Emmett .....	Berne
Malott, Laura Harriet .....	Plain City
Marshall, Iva Gladeen .....	Coshocton
Martin, Anna May .....	Medina
Martin, Earl Fletcher .....	Seaman
Martin, Eva Belle .....	Athens
Martin, John William .....	Glouster
Mason, Iva Evans .....	Newark
Mauger, Ray Charles .....	Baltimore
Maurer, Christine Wilhelmine .....	Sidney
Maxwell, Robert Alfred .....	Athens
Maxwell, Virgil Coler .....	Athens
Mead, Vincent .....	New London
Merrill, Lee Dale .....	Black Lick
Merrin, Mary Struble .....	Mt. Vernon
Merrin, Ruth Evelyn .....	Mt. Vernon
Merritt, Will Schory .....	Athens
Metcalf, Grace .....	Gambier
Metzler, Ethel .....	Findlay
Meyers, Effie Pearl .....	Amanda
Miesse, Ethel .....	Amanda

Miller, Florence Agnes .....	Millersport
Miller, Frances Elizabeth .....	Fremont
Miller, Harry Percy .....	Springdale
Miller, Josephine Stowe .....	Lowell
Miller, Helen Agnes .....	New Philadelphia
Miller, Mildred Annette .....	Millersport
Miller, Orla Glen .....	Athens
Miller, Stella .....	Hamden Junction
Millikan, Agnes Dyson Beck .....	Athens
Mincks, Rebecca .....	Coal Run
Misel, Hallie .....	Caldwell
Mitchell, Mabel Emma .....	Newark
Mondhank, Vernon Russell .....	Lancaster
Moody, Vittoria .....	Bartlett
Mooney, Lawrence Phineas .....	Nelsonville
Moore, Frederick Darrell .....	Athens
Moore, Grace Cleo .....	Crooksville
Morgan, Agnes Margaret .....	Venedocia
Morgan, Bessie Agnes .....	Dresden
Morgan, Margaret Mildred .....	Athens
Morgan, William Thomas .....	Maynard
Morgan, Thomas Francis .....	Fort Collins, Colo.
Morris, Cherry .....	Byesville
Morris, Karl Kratzer .....	Lancaster
Morris, Margaret Martina .....	Magrew
Morris, Nellie Abigail .....	Magrew
Morton, Robert Lee .....	Brownsville
Morton, Winifred Helen .....	Ironton
Myers, Jay Arthur .....	Croton
Nau, Heber Bradley .....	Carroll
Neeland, Harold Robins .....	Buffalo
Neff, Grace Mildred .....	Crooksville
Nelson, Donald .....	Athens
Nesbitt, Margaret Anne .....	Bellaire
Nesbitt, Hannah Mary .....	Bellaire
Nixon, Ernest Leland .....	New Plymouth
Nolan, Mabel .....	Euclid
Norris, George Newton .....	Stewart
Norris, Katherine Violet .....	Chillicothe
Norris, Lillian Daisy .....	Chillicothe
Norris, Sadie Carrie .....	Chillicothe
Nungesser, Anna .....	Beidler
Nussdorfer, Florence Sophia .....	Tuscarawas
Nye, Charles Edward .....	Athens
O'Dell, Madge .....	Athens
O'Farrell, Mary Frances .....	Corning
O'Leary, Catherine Theresa .....	Jacksonville
Ogan, Louise .....	McArthur

Oldt, Joel Calvin .....	Euclid
Oliver, Ada Lela .....	Byesville
Palmer, Raymond Lee .....	Pataskala
Parker, Sidney Lester .....	Athens
Parks, Hugh Whiteford .....	Hopedale
Parrott, Joseph Lawrence .....	Mendon
Patterson, Anna Gail .....	Shadyside
Paullin, Elda Gertrude .....	Sedalia
Paullin, Martha Henrietta .....	Sedalia
Perkins, Ione Marie .....	McArthur
Perkins, Perie Loire .....	Quaker City
Perkins, Will M. ....	McArthur
Perrill, Gertrude .....	Ashville
Perrill, Jessie Miller .....	Ashville
Peters, Bertha Beatrice .....	Robins
Peugh, Bessie .....	Glouster
Pickering, Ann Catherine .....	Athens
Pickering, James Theodore .....	Athens
Pickett, Katherine .....	Andover
Place, Eleanor Hazel .....	Newark
Ploeger, Gertrude .....	Cleveland
Porter, Charles Wallace .....	Washington C. H.
Porter, Frank .....	New Straitsville
Porter, Helen Faye .....	McConnelsville
Porter, Isabel .....	New Straitsville
Porter, Walter Lonzo .....	Kinsman
Portz, Adella Alice .....	Stone Creek
Portz, Edward .....	Newcomerstown
Portz, Edwin A. ....	Stone Creek
Potter, Mary Belle .....	Bellaire
Poulson, Willbe Olive .....	Orient
Preston, Everett McKee .....	Coshocton
Price, Elizabeth .....	Crooksville
Price, Jennie Lovina .....	Athens
Price, Marie Louise .....	Athens
Pugh, Ira Ross .....	Armstrong's Mills
Putnam, Virgene .....	Athens
Putnam, Harriet Lamb .....	Athens
Pyles, Bessie .....	Austin
Quinn, Florence Magdalene .....	Corning
Rambo, Florence Marie .....	Zanesville
Ramsay, Martin Newell .....	Jacobsburg
Raney, Janie .....	Crooksville
Ray, Lillie May .....	Mt. Sterling
Reichelderfer, Gladys Ruth .....	Circleville
Reif, May .....	Wheelersburg
Richards, John Conrad .....	Carrollton
Richards, Thomas Arthur .....	Thurman

Richeson, John Jacob .....	Lee's Creek
Richmond, Winifred Vanderbilt .....	New Marshfield
Ricketts, Carrie Edith .....	Sugar Grove
Ricketts, Elda Arvilla .....	Amanda
Ridenour, Harry Lee .....	New Lexington
Riesreck, Laura Catherine .....	Lewisville
Rigby, Lillian .....	Lisbon
Rightmire, Clara Alice .....	Parsons, W. Va.
Riley, Walter Emmett .....	Athens
Rodehaver, Freda .....	Athens
Rogers, Harriet Antoinette .....	Granville
Rolston, William Henry .....	Logan
Rood, Edna May .....	Marietta
Roseboom, Myrtle .....	Frankfort
Rudisill, Francis McKinley .....	Circleville
Rupe, Alma .....	Cheshire
Rupe, Elta Jane .....	Cheshire
Rupert, Ada Isaphene .....	Columbiana
Rusk, Anna .....	Malta
Russell, Ethel Ruby .....	Pomeroy
Russell, Mary Luella .....	Sarahsville
Ruston, Earl C. .....	Athens
Ruth, Clifford Everett .....	Shade
Sailor, Lizzie .....	Beaver
Sanders, Capitolia .....	New Marshfield
Sanford, Blanche Mary .....	Newark
Schadle, Lulu Estella .....	Amanda
Schafer, Otto Walker .....	Carroll
Schisler, Fanchion Fay .....	Pleasantville
Schloss, Mary Magdalene .....	Athens
Schroth, Belle .....	Tiffin
Schupp, Lena .....	Port Washington
Schwartz, Mabel K. .....	Warren
Scoggin, Mary Edith .....	Waterford
Scott, Beulah Lorene .....	Nelsonville
Scott, Nelle Rutledge .....	Athens
Secoy, Mary Elizabeth .....	Athens
Secrest, Cyrus Emerson .....	Caldwell
Secrest, Millard Madison .....	Pleasant City
Secrest, William Jackson .....	Pleasant City
Seifert, Russell Harrison .....	Bremen
Shannon, Alice .....	New Marshfield
Shannon, Ella Veronica .....	New Marshfield
Sharp, Charles Forrest .....	Lucasville
Sharp, David Benjamin .....	Athens
Sharritt, Chloe Wilda .....	Newark
Sherman, Bertha .....	Bellevue
Sherman, Besse .....	Shadeville

Sherman, Myra .....	Shadeville
Shields, Brooks .....	Crooksville
Shilliday, Clarence Lee .....	New Milford
Shinault, Birdie .....	Gillespieville
Shumaker, Richard Guy .....	Omega
Shuman, Mary Ethel .....	Mt. Pleasant
Silvus, Paul .....	Athens
Simmerman, Anna Edna .....	Northup
Simms, Evelyn .....	Athens
Simms, May .....	Athens
Simpson, Anna Porter .....	Nelsonville
Simpson, Beatrice Lorena .....	Little Hocking
Sims, Cecil Melville .....	Baltimore
Skinner, Anna Florence .....	Barnesville
Skinner, Mary .....	Barnesville
Slovensky, Mary Kosko .....	New Philadelphia
Sly, Marguerite Eunice .....	Fitchville
Smith, Albert Truman .....	Big Plain
Smith, Carl Cleveland .....	Cadiz
Smith, Maye .....	Creola
Smith, Nellie Bly .....	Jeffersonville
Snyder, Martin Luther .....	Duval
Soule, Mary Minnie .....	Wilkesville
Southard, Ethel Margaret .....	Newark
Spangler, Ella Deene .....	Lancaster
Spear, Emerson Earl .....	Macksburg
Speck, Frank Richards .....	Uhrichsville
Spellman, Jessie Gay .....	Jeffersonville
Spier, Cora Fern .....	South Dayton, N. Y.
Spies, Charles Arthur .....	Osnaburg
Stage, Nellie Howard .....	Tulsa, Okla.
Stage, William Addison .....	Tulsa, Okla.
Stanton, Flora May .....	New Marshfield
Starkey, Edith Belle .....	New Lexington
Steele, Charles Cherrington .....	Coalton
Stevens, Elizabeth Maud .....	Thornville
Stevens, Mayme .....	Thornville
Stewart, Charles G. ....	Hockingport
Stewart, Edith Rowena .....	Woodsfield
Stewart, Heber Samuel .....	Woodsfield
Stine, Elsie Ora .....	Creola
Stocker, Experience .....	Port Washington
Stone, Rufus Emmett .....	Lucasville
Stonerock, Margaret Morgan .....	Williamsport
Storts, Christine .....	South Salem
Stout, Orin Clark .....	Stoutsville
Stranathan, William .....	Pleasant City
Street, Mildred Ardelle .....	Wilmington



Stringfellow, Garnet Mae .....	Gallipolis
Stringfellow, Myrtie Eleanor .....	Gallipolis
Switzer, Charles Carroll .....	North Baltimore
Talbot, John Sherman .....	Beverly
Tarbill, Alice .....	New Holland
Taylor, Arthur Hamilton .....	McArthur
Taylor, Barnett Winning .....	Hendrysburg
Taylor, Eliza Amelia .....	Brooklyn, N. Y.
Taylor, Lillie Olive .....	Jacksonville
Tague, Vincent .....	New Lexington
Teeling, Rudy Bell .....	Millersburg
Tener, Milton McDille .....	Sabina
Tewksberry, Carl Logan .....	Blanchester
Tharp, Ray Golden .....	Hemlock
Theiss, Charles Seibert .....	Athens
Thomas, Winona Mae .....	Andover
Thrash, Curtis Monroe .....	Carroll
Tidd, Harland Owen .....	Williamsfield
Tilton, Linta Belle .....	Caldwell
Todd, Mary Edith .....	Columous
Trego, Bertha Ellen .....	Chillicothe
Treudley, Ruth .....	Athens
Trovillo, Sam Harmon .....	Roxabell
Trumper, Mary Jane .....	Mt. Sterling
Tucker, Rose .....	Athens
Turner, George Herschel .....	Allensville
Turner, Georgiana Ross .....	Pleasantville
Turner, Sylvia May .....	Hemlock
Tuttle, Claribel Emmeline .....	Andover
Tuttle, Harley Angelo .....	Diamond
Utle, George Leonard .....	Sunbury
Van Atta, Pleasy Leonard .....	Crooksville
Van Dyke, Stella May .....	Athens
Vandersall, Ora Eolin .....	Kenmore
Varner, May .....	Black Run
Voigt, Eugene John .....	Holgate
Waggoner, Clada Ruth .....	Jewett
Wallace, Martha Esther .....	Nelsonville
Walls, Calla King .....	Athens
Walls, Louise King .....	Athens
Ward, Effie Stevenson .....	Zaleski
Ward, Laura Lavinia .....	Stanleyville
Warner, Edna May .....	Utica
Warner, John Frederick .....	Lucasville
Warner, Nora Theresa .....	Oreton
Watkins, Charles Burr .....	Athens
Watkins, Sidney .....	Luhrig
Watts, Mary Ora .....	Grove City

Waud, Calla Alethea .....	Uhrichsville
Wein, Adeline Florence .....	Murray
Weisel, Webster .....	Middlebranch
Wells, Anita Hannah .....	Wellston
Wells, Lena Blanche .....	Croton
Wemer, Fred Wilson .....	Millfield
Wenger, Ethel .....	Westerville
West, Ellis Wilbur .....	New Concord
Wharton, Leah .....	Barnesville
Wheaton, Fred Shepper .....	Athens
Whitcomb, Charles Thatcher .....	Uhrichsville
White, Alva Arthur .....	Kingston
White, James Henry .....	Chandlersville
Wilcox, J. Dale .....	Flushing
Wiley, Alpha Leverna .....	Byesville
Wiley, Nathaniel .....	Kimball, W. Va.
Wilkes, Ernest Constantine .....	Athens
Wilkinson, Geraldine Wright .....	Kenton
Wilkinson, Mary .....	Byesville
Williams, Cora Almira .....	Roxabell
Williams, James Stanley .....	Gallipolis
Williams, Lelia Winifred .....	Athens
Williams, Mary Etta .....	Hillsboro
Williams, Mary Lee .....	Charleston, W. Va.
Willison, Flossie Beatrice .....	Croton
Wilson, Nan .....	Glendale
Winget, Leatha .....	Gillespieville
Winkler, Ida Alice .....	Canal Dover
Winn, Mabel Elizabeth .....	Rutland
Wolfe, Blanche Philene .....	Athens
Wolf, Byron Armstrong .....	Athens
Womeldorf, Lulu .....	Gallipolis
Wood, Austin Vorhes .....	Athens
Wood, Effie Muriel .....	Mt. Gilead
Woddell, Hariet Alice .....	Wakefield
Woodyard, Lucy Gladys .....	Sharpsburg
Wooley, Bruce D. ....	Athens
Work, Alice Jane .....	Thurston
Worthington, Edith Chloa .....	Plain City
Young, Blanche Etta .....	Jacksonville
Young, Herman Heckman .....	Mogadore
Young, Howard Oral .....	Lowell
Zenner, David Roe .....	Athens
Zimmer, Gaynelle .....	Macksburg
Zimmer, Katherine Bertha .....	Macksburg

### GENERAL SUMMARY OF STUDENTS BY DEPART- MENTS AND CLASSES

	1907-8	1908-9	1909-10
Post-Graduates .....	6	5	12
Class of 1909 .....	12	16	33
Seniors .....	19	35	30
Juniors .....	38	33	46
Sophomores .....	91	115	133
Freshmen .....	188	214	209
Irregular and Special Students .....	40	50	53
State Preparatory School .....	273	279	253
State Normal College .....	344	417	586
Electrical Engineering .....	80	102	93
Civil Engineering .....	41	56	63
School of Commerce .....	169	174	209
College of Music .....	298	284	309
Summer School .....	678	623	731
<hr/>			
Total .....	2,277	2,403	2,760
Names counted more than once.....	891	941	1,163
<hr/>			
Total .....	1,386	1,462	1,597

### GENERAL SUMMARY OF STUDENTS BY TERMS

	1905-6	1906-7	1907-8	1908-9	1909-10
Spring Term .....	494	544	536	573	703
Summer Term .....	650	656	678	623	731
Fall Term .....	466	491	549	631	651
Winter Term .....	429	462	538	638	624
<hr/>					
Total number of students, counting no name more than once .....	1,272	1,319	1,386	1,462	1,597

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## UNIVERSITY CALENDAR, 1910

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Monday, January 3.....Registration of Students  
Tuesday, January 4.....Opening of Winter Term  
Friday, March 18.....Close of Winter Term  
Monday, March 28.....Registration of Students  
Tuesday, March 29.....Opening of Spring Term  
Sunday, June 12.....Beginning of Commencement Week  
Thursday, June 16.....Commencement Day  
Monday, June 20.....Opening of Summer Term  
Friday, July 29.....Close of Summer Term  
Monday, September 12.....Registration of Students  
Tuesday, September 13.....Opening of Fall Term  
Friday, December 23.....Close of Fall Term

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## UNIVERSITY CALENDAR, 1911

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Monday, January 2.....Registration of Students  
Tuesday, January 3.....Opening of Winter Term  
Friday, March 17.....Close of Winter Term  
Monday, March 27.....Registration of Students  
Tuesday, March 28.....Opening of Spring Term  
Sunday, June 11.....Beginning of Commencement Week  
Thursday, June 15.....Commencement Day  
Monday, June 19.....Opening of Summer Term  
Friday, July 28.....Close of Summer Term  
Monday, September 11.....Registration of Students  
Tuesday, September 12.....Opening of Fall Term  
Friday, December 22.....Close of Fall Term

